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Kuipers & Associates, LLC

Date: July 14, 2010

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
June 2010 Monthly Report**

This June 2010 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area (LWMA). Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

Dustfall jars have been in place since October 17, 2008 at both sites to capture settling dust. Results for samples collected between March 28, 2010 and April 26, 2010 can be summarized as follows. For the Opportunity sample, the calculated arsenic concentration was 64.6 mg/kg, and the calculated lead concentration was 76.1 mg/kg. For the Warm Springs sample, the calculated arsenic concentration was 81.8 mg/kg and the calculated lead concentration was approximately 170 mg/kg. These results are of similar magnitude to those for previous settled dust samples that were collected using glass dishes.

Additionally, glass dishes have been in place since August 15, 2008 at both sites to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. Results for samples collected between March 28, 2010 and April 26, 2010 can be summarized as follows. For the Opportunity sample, the calculated arsenic concentration was 51.1 mg/kg, and the calculated lead concentration was 69.8 mg/kg. For the Warm Springs sample, the calculated arsenic concentration was 31.3 mg/kg and the calculated lead concentration was approximately 73.4 mg/kg. These results are of similar magnitude to those for previous settled dust samples that were collected using glass dishes. Complete results for the dustfall jar and glass dish samples are attached to the end of this report.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from June 1st through June 30th, with 99.9% availability for TSP at the Opportunity location and 99.6% availability for PM10 at the Warm Springs location.

- Downtime at the Opportunity location occurred on June 18 at 17:00 MST for routine maintenance.
 - Downtime at the Warm Springs location occurred on June 2 at 13:00 MST and on June 18 at 15:00 MST for routine maintenance. Additionally, the monitor failed to record data for June 15 at 17:00 MST.
- The hourly average data record for the month is attached to the end of this report. Current data is available for real-time electronic download on demand, and public viewing at: <http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- Monthly and quarterly air monitoring reports from June 2007 through present are now available on the County's website at: http://anacondadeerlodge.mt.gov/super/info.aspx#q_reports.
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 60 $\mu\text{g}/\text{m}^3$, and the average monthly concentration was 10 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 326 $\mu\text{g}/\text{m}^3$. This value was associated with moderate southwest winds, indicating that the Lower Waste Management Area (LWMA) was probably not a contributing source. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 20 $\mu\text{g}/\text{m}^3$, and the average monthly concentration was 5 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 146 $\mu\text{g}/\text{m}^3$. This value occurred with strong southwest winds, which ordinarily could suggest the LWMA as a contributing source. However, because this reading occurred at the same time as the maximum at Opportunity, a regional dust event is suspected. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, June 2010

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	60	6/29/2010	5.9	185
Daily 2nd Max	22	6/24/2010	3.6	211
Daily 3rd Max	21	6/28/2010	3.6	209
Daily 4th Max	18	6/25/2010	3.5	237
Hourly 1st Max	326	6/29/2010 15:00	11.6	227
Hourly 2nd Max	157	6/25/2010 10:00	3.4	148
Hourly 3rd Max	118	6/30/2010 00:00	7.4	318
Hourly 4th Max	94	6/29/2010 02:00	6.0	255

Table 2
Warm Springs Site PM10 Maximum Data, June 2010

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	20	6/29/2010	6.4	174
Daily 2nd Max	11	6/14/2010	3.0	23
Daily 3rd Max	9	6/30/2010	2.9	0
Daily 4th Max	8	6/24/2010	3.9	200
Hourly 1st Max	146	6/29/2010 15:00	14.8	215
Hourly 2nd Max	78	6/29/2010 19:00	11.9	148
Hourly 3rd Max	61	6/18/2010 00:00	1.6	238
Hourly 4th Max	58	6/29/2010 23:00	8.1	165

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was $75 \mu\text{g}/\text{m}^3$, the 24-hour standard was $200 \mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for June at Opportunity were well below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- At the Warm Springs monitoring site daily average PM10 results for the month of June were well below the 24-hour Montana Ambient Air Quality Standard of $150 \mu\text{g}/\text{m}^3$. The average monthly concentration was below the annual PM10 standard of $50 \mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was well above average at the Butte airport. The automated rain gauge at Opportunity registered 3.35 inches of precipitation during the month.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in June were from the southwest quadrant. North and north-northeast-northeast winds also were common.
 - Figure 2 shows the Warm Springs location, where winds were mostly from southerly directions and from the north.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
David Dobrinan	563-7476, then 490-9205
Jim Kuipers	782-3441, then 459-0445

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)	Precipitation Total (inches)
June 1, 2010	4	1.4	3.1	100	10.0	50.0	73	0.46
June 2, 2010	4	2.0	4.4	203	11.9	53.4	67	0.00
June 3, 2010	5	2.6	5.8	281	10.5	50.9	60	0.00
June 4, 2010	4	2.4	5.4	217	9.9	49.8	68	0.00
June 5, 2010	4	2.2	5.0	287	11.4	52.6	51	0.00
June 6, 2010	8	1.7	3.8	193	11.9	53.5	62	0.09
June 7, 2010	3	1.9	4.3	295	10.3	50.6	70	0.10
June 8, 2010	8	1.8	4.0	179	11.5	52.6	51	0.00
June 9, 2010	17	2.1	4.6	325	11.6	52.8	59	0.04
June 10, 2010	1	1.8	4.0	356	6.8	44.3	78	0.72
June 11, 2010	2	2.1	4.6	357	7.1	44.8	72	0.19
June 12, 2010	7	2.5	5.5	357	8.4	47.0	61	0.00
June 13, 2010	12	1.6	3.6	3	11.3	52.4	50	0.00
June 14, 2010	18	2.0	4.5	26	14.7	58.4	47	0.00
June 15, 2010	3	1.7	3.8	187	10.5	50.9	78	0.61
June 16, 2010	2	1.7	3.8	326	7.9	46.3	84	0.94
June 17, 2010	2	2.8	6.3	266	5.8	42.5	68	0.10
June 18, 2010	3	2.3	5.1	287	10.3	50.6	57	0.00
June 19, 2010	8	1.7	3.8	334	11.3	52.3	66	0.00
June 20, 2010	7	1.9	4.3	235	10.7	51.3	69	0.03
June 21, 2010	10	2.5	5.5	259	11.3	52.4	61	0.00
June 22, 2010	8	1.8	4.1	354	11.3	52.4	64	0.00
June 23, 2010	15	1.7	3.9	211	15.1	59.2	55	0.00
June 24, 2010	22	1.6	3.6	211	16.6	61.9	53	0.00
June 25, 2010	18	1.6	3.5	237	15.4	59.7	62	0.03
June 26, 2010	8	2.2	4.9	260	16.2	61.2	48	0.00
June 27, 2010	12	1.6	3.6	24	15.8	60.4	51	0.00
June 28, 2010	21	1.6	3.6	209	19.1	66.4	43	0.00
June 29, 2010	60	2.6	5.9	185	21.4	70.5	43	0.02
June 30, 2010	13	1.9	4.3	6	15.0	59.0	71	0.02

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
June 1, 2010	2	1.5	3.4	171	11.0	51.9	72
June 2, 2010	2	2.9	6.6	196	12.8	55.1	68
June 3, 2010	2	3.2	7.1	273	11.6	52.8	60
June 4, 2010	1	2.6	5.9	204	11.1	52.0	67
June 5, 2010	3	2.2	5.0	276	12.3	54.2	53
June 6, 2010	4	1.8	4.1	168	12.8	55.1	62
June 7, 2010	3	1.9	4.3	224	11.0	51.9	73
June 8, 2010	2	1.7	3.8	154	12.2	53.9	53
June 9, 2010	6	1.6	3.6	148	12.2	54.0	63
June 10, 2010	2	1.4	3.0	197	7.9	46.2	78
June 11, 2010	3	1.7	3.7	352	8.2	46.7	71
June 12, 2010	6	1.8	4.0	353	9.2	48.6	62
June 13, 2010	6	1.4	3.2	80	12.6	54.6	52
June 14, 2010	11	1.4	3.0	23	15.4	59.6	51
June 15, 2010	6	1.6	3.7	180	11.2	52.1	81
June 16, 2010	2	1.1	2.5	48	8.6	47.5	88
June 17, 2010	4	3.4	7.7	274	6.5	43.8	71
June 18, 2010	4	1.5	3.4	310	11.4	52.6	58
June 19, 2010	6	1.4	3.2	325	11.8	53.2	70
June 20, 2010	6	1.7	3.8	211	11.4	52.6	73
June 21, 2010	5	2.4	5.3	220	12.6	54.6	62
June 22, 2010	5	1.3	2.8	346	12.0	53.6	67
June 23, 2010	6	1.8	4.0	187	15.6	60.1	58
June 24, 2010	8	1.8	3.9	200	17.2	62.9	55
June 25, 2010	7	1.9	4.4	211	15.7	60.3	66
June 26, 2010	5	2.4	5.3	246	16.7	62.1	52
June 27, 2010	4	1.4	3.0	76	16.1	60.9	56
June 28, 2010	6	1.8	4.1	190	19.5	67.1	46
June 29, 2010	20	2.9	6.4	174	21.5	70.6	45
June 30, 2010	9	1.3	2.9	0	15.4	59.7	74

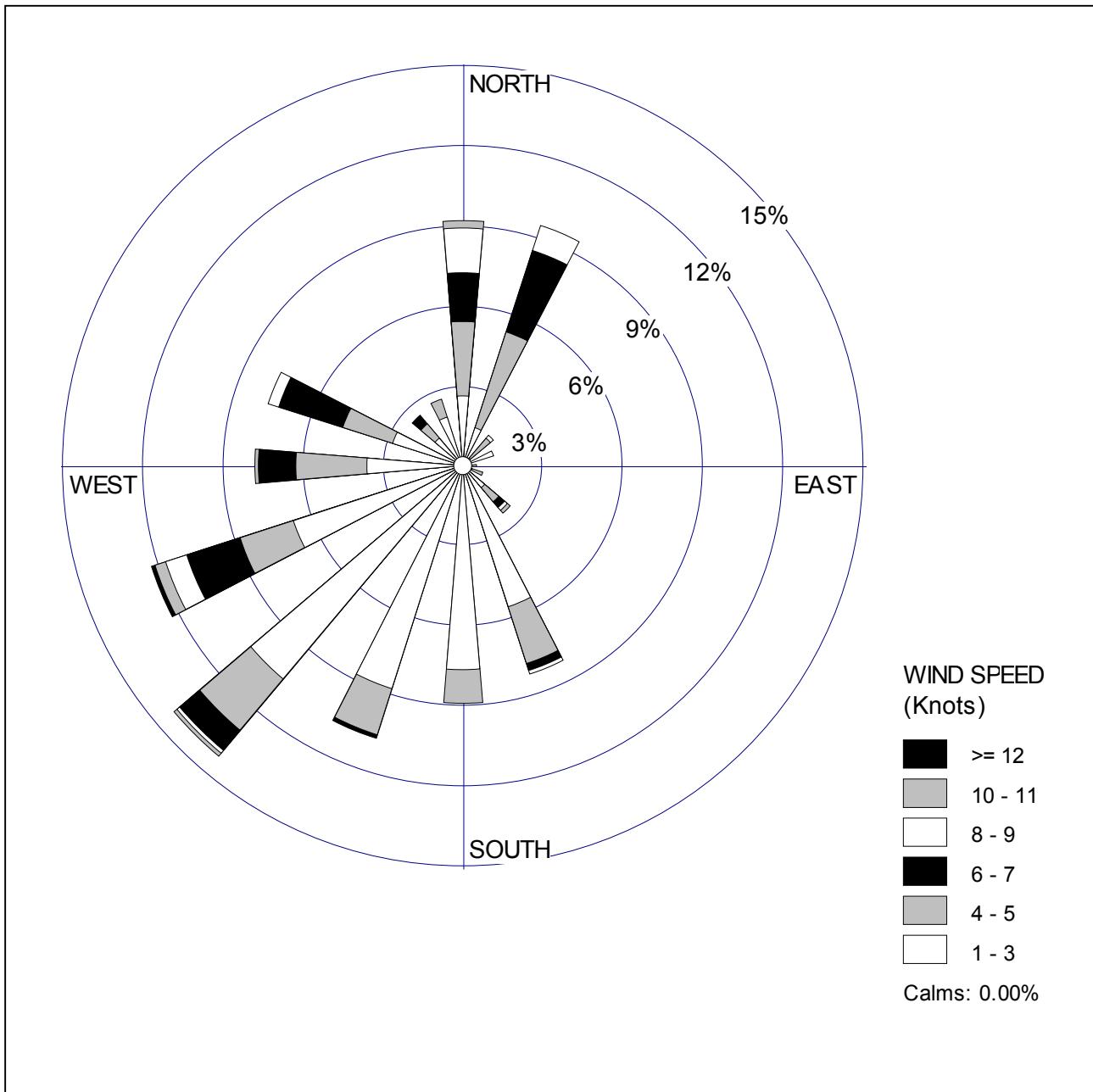


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site June 2010.

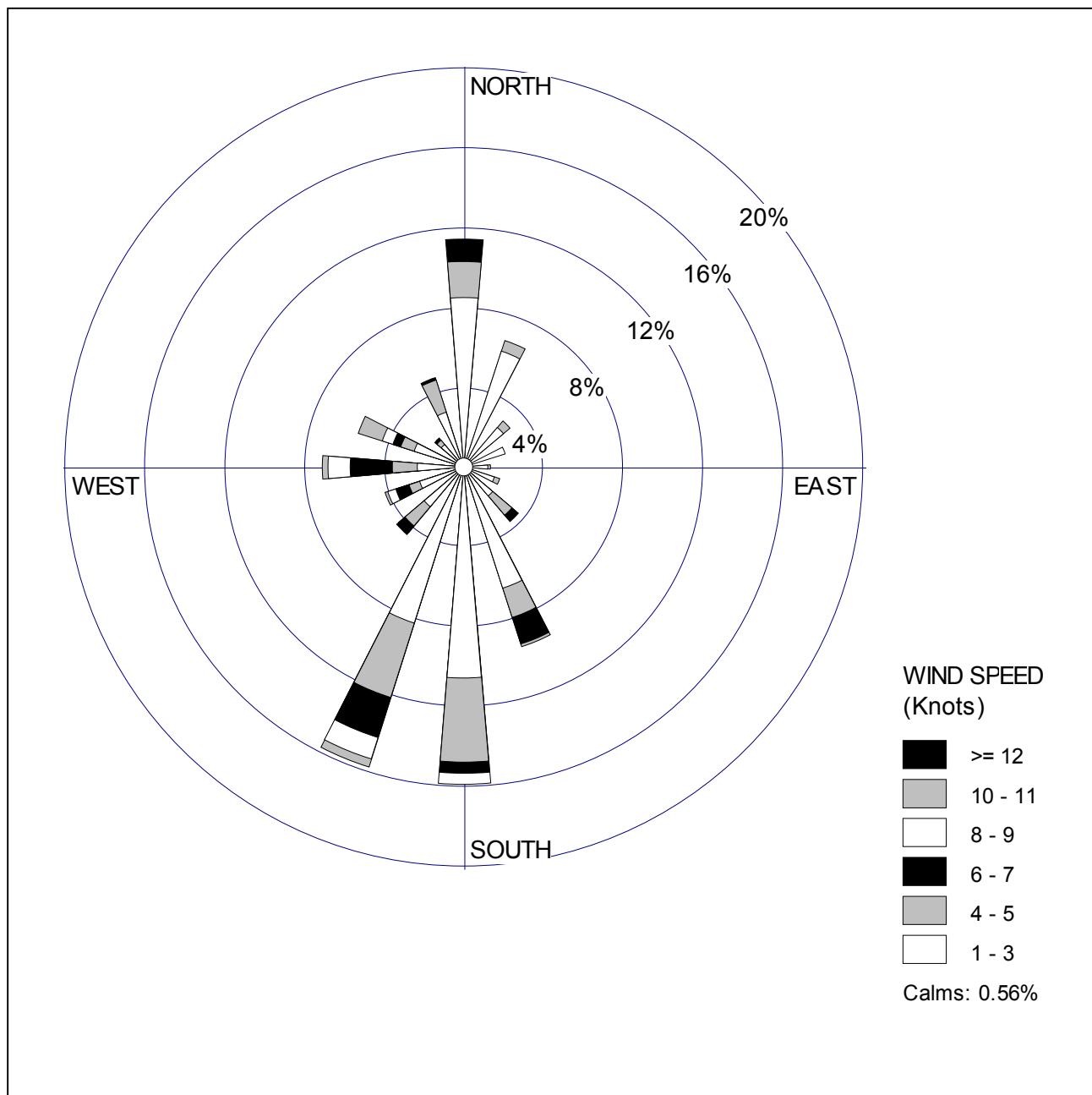


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site June 2010.



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MEMORANDUM – Opportunity / Warm Springs Ambient Dust Sampling Events – Draft

Sampling Period: **March 28 – April 26, 2010 (Settled Dust and Dustfall)**

Submitted by Steve Heck, Blacktail Consulting, Inc.

July 13, 2010

This memorandum describes the preliminary results of settled dust and dustfall sampling conducted at the Opportunity and Warm Springs air monitoring sites on behalf of Kuipers and Associates, and Anaconda-Deer Lodge County. All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan.

1. INTRODUCTION

Since the late summer of 2008, opportunistic settled dust and dustfall sampling has been conducted at the Opportunity and Warm Springs air monitoring sites to determine the trace metal content of airborne particulate that settles on outdoor surfaces. The settled dust samples have been collected by vacuuming settled particulate onto filter cassettes from clean glass dishes; after initial sample handling issues were resolved, these sampling events proceeded smoothly, with consistent analytical results.

The dustfall sampling was more problematic, for reasons that became apparent as sampling progressed:

- Initially, the entire contents of each dustfall jar (which included a large volume of liquid) were evaporated in a 2,000 ml glass beaker. The evaporated beakers were weighed on a 0.01-g resolution balance. This approach provided poor resolution, and consequently large uncertainty in particulate mass determinations.
- During the winter of 2008-2009, high-grade isopropyl alcohol was added to the dustfall jars in the field to prevent freezing. The alcohol was found to have minimal amounts of arsenic and zinc. However, the large amount of alcohol used for each sample (due to rapid evaporation) introduced large uncertainties into the analytical results.

Both problems were resolved over the first few sampling episodes. However, another problem developed during the late spring: flying insects such as flies, gnats and bees – and occasionally airborne plant material –became trapped in the dustfall liquid, rendering reliable particulate mass determinations impossible. This problem continued through the summer and early fall, and samples collected during those seasons were not analyzed.

The third set of insect-free dustfall samples was collected over the period of March 28 to April 26, 2010. Settled particulate samples were also collected over the same period. This sampling episode is the third for which reliable comparisons can be made between dustfall and settled dust analytical results at the Opportunity and Warm Springs sites.

2. SAMPLE COLLECTION

2.1 Settled Dust Samples

On March 28, 2010, four clean 9-inch diameter glass dishes were set out at both sites at a height of approximately 7 feet to capture and retain settling dust. A personal sampling pump supplied by SKC, Inc. was used to vacuum any settled dust from the dishes during twice-weekly site visits. Vacuuming could not be performed when standing water was present. In those instances, the water was either dumped or allowed to evaporate, and vacuuming was performed at the next opportunity.



The vacuumed dust was collected onto 37-mm diameter, matched weight mixed cellulose ester (MCE) filter cassettes. The filters were recommended by the manufacturer for applications involving trace element analyses. The matched filter weights allow one to avoid filter pre-weighing. The total dust determination is made by simply weighing the two filters following sampling; the difference in their weights equals the mass of dust collected.

The glass dishes were vacuumed for the last time on April 26, 2010, and the cassettes were submitted to the MSE Laboratory for analysis. Both samples were weighed to determine the total amount of particulate collected. Samples having a sufficient net dust mass (≥ 1.0 mg) were analyzed for arsenic, cadmium, copper, lead and zinc.

2.2 Dustfall Samples

On March 28, 2010, clean 6.75 inch diameter by 8.75 inch tall Nalgene (polypropylene) dustfall jars were installed at both sites at a height of approximately 8 feet to capture and retain settling dust. The jars were de-contaminated by the laboratory prior to use by cleaning them with laboratory soap, then rinsing them with nitric acid



and deionized water. The jars were initially filled to a depth of 2 inches with deionized water (DI H₂O). The jars were inspected during twice-weekly site visits; DI H₂O was added as necessary to maintain a liquid level of at least an inch. At the end of the sampling period on April 26, 2010, the jars were covered with clean lids, and transported to the MSE laboratory for analysis.

Additionally, a dry dustfall jar was installed at the Opportunity site, and no water was added during the sampling period. The purpose of that sample was to determine whether dry jars could be used during the insect season to obtain reasonable dustfall data. Results for the dry jar were consistent with those for the wet jar for both arsenic and lead, as discussed in Section 5.1.

3. ANALYTICAL PROCEDURES

3.1 Settled Dust Samples

Following weighing, the filters and any particulate contents were digested using Method SW-846 3050B for soils, and analyzed for trace metals by ICP Mass Spectrometer (ICP-MS) using Method SW-846 6020A.

3.2 Dustfall Samples

After delivery to the laboratory, the dustfall jar contents were transferred into 2,000 mL beakers, which then were covered with watchglasses and evaporated in a convection oven at a temperature of 90 to 105°C. After the liquid evaporated down to approximately 100-200 mL, the contents were transferred to pre-weighed 200-mL beakers and evaporated to dryness. The beakers then were weighed to within 0.0001 grams to determine a net particulate residue weight. The residue was digested using SW-846 Method 3050B for soils, and analyzed for trace metals by ICP Mass Spectrometer ICP-MS using Method SW-846 6020A.

4. ANALYTICAL RESULTS

Table 1 presents analytical results for the settled dust results, while Table 2 presents results for the dustfall samples. Table 3 summarizes the results, including comparisons of those obtained from the settled dust versus dustfall sampling procedures. Important findings are summarized in Section 5, and recommendations for future sampling are made in Section 6.

4.1 Settled Dust Samples

4.1.1 Filter Weights

The filters were weighed on an enclosed balance with a resolution of 0.0001 grams (0.1 mg). Results are shown in Section A of Table 1. The “Tare” filter weight is the weight of the unexposed matched weight filter, and the “Exposed” weight is the weight of the filter dust was collected on. The net dust weight was calculated as the difference between these values.

The Opportunity sample contained 17.2 mg of dust, versus 84.6 mg for the Warm Springs sample. Both dust masses were sufficient for trace element analyses.

4.1.2 Trace Element Results

The trace element results are presented in Section B of Table 1. The “Total” results represent the trace element concentrations in the exposed filter – which includes contributions from both the filter material and the collected dust. Field Blank results are shown in the column labeled “Blank,” and were consistent with previous data. The “Net” filter trace element concentrations were calculated by subtracting the blank values from the total values, and represent the average trace element concentrations throughout the filter based solely on the contribution from the collected dust.

4.1.3 Trace Element Concentrations in Dust

The net trace element concentrations in Section B are for the entire exposed filter mass. Trace element concentrations in the collected dust were calculated using the net trace element results, the exposed filter weight and the collected dust weight. For the Opportunity sample, the net dust weight was 0.0172 grams, while the total weight of the exposed MCE filter was 0.0637 grams. The following example illustrates the calculation used to determine trace element concentrations in the collected dust:

- Concentration of arsenic over the entire exposed filter was 13.8 mg/kg. Therefore, the amount of arsenic present was $13.8 \text{ mg/kg} \times 0.0637 \text{ g}$, or $0.879 \times 10^{-3} \text{ mg}$.
- Because all of this net arsenic concentration was contained in the dust portion, the arsenic concentration in dust was $0.879 \times 10^{-3} \text{ mg} / 0.0172 \text{ g}$, or 51.1 mg/kg.

The concentrations of other trace elements in the dust were calculated in the same manner. Results are summarized in Section C.

Disassembly and weighing of the filter cassettes proceeded smoothly for these samples, and no analytical issues were encountered.

4.2 Dustfall Samples

4.2.1 Trace Element Results

The raw trace element results are presented in Part A of Table 2. They show the trace element concentrations in the liquid as received by the laboratory, the volume of liquid initially evaporated, and the net weight of solids after evaporation.

The total trace element masses in each sample were calculated by multiplying the concentrations in the sample liquid by the volume of liquid as received by the laboratory. Those results are shown in Part B of Table 2.

4.2.2 Trace Element Concentrations in Dustfall Particulate

The trace element concentrations in the collected particulate were calculated by dividing the trace element masses by the total amount of particulate collected in each sample. Results are shown in Part C of Table 2.

4.2.3 Calculation of Total Dustfall Rate

Dustfall is expressed in units of g/m²/month, and is calculated by dividing the mass of particulate collected by the cross-sectional area of the dustfall jar, and adjusting that result to account for the number of days the sample was actually collected over. With a diameter of 6.75 inches, the dustfall jars have a cross-sectional area of 35.78 in², or 0.0231 m². The calculated dustfall rates were as follows, with reasonable agreement between the wet (A) and dry (B) jars at Opportunity:

Sampling Period	Opportunity-A		Opportunity-B		Warm Springs	
	g/m ²	g/m ² /month	g/m ²	g/m ² /month	g/m ²	g/m ² /month
3/28/2010 – 4/26/2010	0.64	0.69	0.77	0.83	0.41	0.44

The values for all three samples were well below the Montana settleable particulate (dustfall) standard of 10 g/m²/month.

5. SUMMARY

Table 3 compares the settled dust and dustfall results for both sites. Overall, results obtained from the two methods were fairly consistent.

5.1 Opportunity Site

At the Opportunity site, results for arsenic, cadmium, copper and lead were of similar magnitude for both methods. However, the zinc concentration for the dustfall sample was roughly twice that for the settled dust sample. Both the arsenic and lead results were somewhat lower than what was observed in most prior sampling events, but still of the same magnitude.

The wet (A) and dry (B) dustfall jar results for Opportunity were similar for arsenic, copper and lead. The zinc concentration was over 50% higher in the dry jar, while the cadmium concentration was higher by a factor of three. The explanation for this behavior is unknown. However, the results suggest that dry jars can be used to determine arsenic and lead concentrations during periods when trapping of insects by water-filled jars is a problem.

5.2 Warm Springs Site

At the Warm Springs site, concentrations for all elements were higher in the dustfall samples than for the settled dust sample. The arsenic concentration for the settled dust sample was lower than for the corresponding sample at Opportunity, while the lead concentration was nearly equal. The arsenic concentration in the dustfall sample at Warm Springs was slightly higher than for the corresponding sample at Opportunity, while the lead concentration was over twice as high.

Both the arsenic and lead results were similar in magnitude to what was observed in prior sampling events.

6. RECOMMENDATIONS FOR FUTURE SAMPLING

6.1 Settled Dust Sampling

The settled dust sampling is providing consistent, reliable results, and will continue to be performed in the current manner. A set of duplicate settled dust samples is being collected at the Opportunity site during the summer of 2010, when ambient particulate levels are typically at their highest.

6.2 Dustfall Sampling

Since isopropyl alcohol is no longer being used in the dustfall jars, the sample collection cost is minimal. Therefore, dustfall samples will continue to be collected at both sites concurrent with the settled dust sampling events. Dustfall samples will be submitted for analysis only if they are free of insect and plant material that could compromise dust mass determinations.

It is believed that the presence of water in the dustfall jars attracts insects, which can subsequently become trapped. For the Opportunity sampling event discussed herein, one jar was prepared in the normal manner, while a second was installed with no water (“dry”). Results for the two jars indicated similar dust retention, and similar analytical results for arsenic and lead. The use of dry jars will continue when flying insects are prevalent. While this practice can help reduce trapping of insects, it is no guarantee during very wet periods. As a case in point, a set of dry jars was installed on April 28 and allowed to collect particulate until July 2. Both May and June of 2010 were very wet, so that the jars contained between one and three inches of water at most times solely from rain. Consequently the jars were not analyzed due to the overwhelming presence of trapped insects.

TABLE 1 - OPPORTUNITY / WARM SPRINGS SETTLED DUST SAMPLE RESULTS
(Sampling conducted 3-28-2010 through 4-26-2010)

A. Filter Weight Data

Opportunity Analyzed Filter Weight (g)	0.0637
Opportunity Tare Filter Weight (g)	0.0465
Opportunity Net Particulate Weight (g)	0.0172
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Warm Springs Analyzed Filter Weight (g)	0.1267
Warm Springs Tare Filter Weight (g)	0.0421
Warm Springs Weight (g)	0.0846

B. Trace Element Results

Analyte	Opportunity			Warm Springs			Blank (1)
	Total Filter Conc. (mg/kg)	Net Filter Conc. (mg/kg)	Reporting Limit (mg/kg)	Total Filter Conc. (mg/kg)	Net Filter Conc. (mg/kg)	Reporting Limit (mg/kg)	
As	13.8	13.8	1.04	20.9	20.9	0.844	ND
Cd	0.561	0.561	0.069	1.09	1.09	0.056	ND
Cu	101	100	0.868	114	113	0.703	0.799
Pb	19.0	18.8	0.139	49.2	49.0	0.112	0.159
Zn	121	101	2.08	221	201	1.69	20.0

(1) Unexposed clean filter

C. Calculated Trace Element Concentrations in Particulate

Analyte	Opportunity			Warm Springs			(1) Reporting Limit (mg/kg)
	Net Filter Conc. (mg/kg)	Net Particulate Conc. (mg/kg)	(1) Reporting Limit (mg/kg)	Net Filter Conc. (mg/kg)	Net Particulate Conc. (mg/kg)	(1) Reporting Limit (mg/kg)	
As	13.8	51.1	3.85	20.9	31.3	1.26	
Cd	0.561	2.08	0.256	1.09	1.63	0.084	
Cu	100.2	371	3.21	113	170	1.05	
Pb	18.8	69.8	0.515	49.0	73.4	0.168	
Zn	101	374	7.70	201	301	2.53	

(1) Reporting Limit adjusted to reflect mass of particulate collected

TABLE 2 -- SUMMARY OF OPPORTUNITY / WARM SPRINGS DUSTFALL RESULTS
(Samples collected from 3-28-2010 to 4-26-2010)

A. Analytical Results

Analyte	Opportunity-A (ug/L)	Opportunity-B (ug/L)	Warm Springs (ug/L)
As	1.79	4.54	1.02
Cd	0.061	0.430	0.033
Cu	7.62	23.7	6.13
Pb	2.11	4.63	2.12
Zn	17.4	73.2	10.6
Sample Volume (mL)	534	260	762
Solids Weight (mg)	14.8	17.9	9.5
Solids (mg/L)	27.7	68.8	12.5
ND = Not Detected; NA = Not Applicable			

B. Trace Element Weight

Analyte	Opportunity-A	Opportunity-B	Warm Springs
	Total (ug)	Total (ug)	Total (ug)
As	0.956	1.18	0.777
Cd	0.033	0.112	0.025
Cu	4.07	6.16	4.67
Pb	1.13	1.20	1.62
Zn	9.29	19.0	8.08

C. Trace Element Concentrations in Particulate

Analyte	Opportunity-A mg/kg	Reporting Limit mg/kg	Opportunity-B mg/kg	Reporting Limit mg/kg	RPD % A vs B
As	64.6	5.07	65.9	4.19	2.08
Cd	2.20	0.338	6.25	0.279	95.8
Cu	275	4.22	344	3.49	22.4
Pb	76.1	0.676	67.3	0.559	12.4
Zn	628	10.1	1063	8.38	51.5

Analyte	Warm Springs mg/kg	Reporting Limit mg/kg
As	81.8	7.89
Cd	2.65	0.526
Cu	492	6.58
Pb	170	1.05
Zn	850	15.8

TABLE 3 – SUMMARY OF SETTLED DUST / DUSTFALL SAMPLING RESULTS

Analyte (mg/kg)	Opportunity			Warm Springs	
	Settled Dust	Dustfall-A	Dustfall-B	Settled Dust	Dustfall
As	51.1	64.6	65.9	31.3	81.8
Cd	2.08	2.20	6.25	1.63	2.65
Cu	371	275	344	170	492
Pb	69.8	76.1	67.3	73.4	170
Zn	374	628	1063	301	850
Dustfall Rate (g/m ² /month) (1)	N/A	0.69	0.83	N/A	0.44
(1) Based on a 30-day month					

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
June 2010

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/1/2010 1:00	2	0.7	1.6	231	7.0	44.6	88	0.00
6/1/2010 2:00	11	0.7	1.6	236	6.3	43.3	89	0.00
6/1/2010 3:00	-5	1.2	2.7	211	7.2	45.0	83	0.00
6/1/2010 4:00	32	0.8	1.8	221	5.7	42.3	88	0.00
6/1/2010 5:00	-5	1.0	2.2	153	5.2	41.4	84	0.00
6/1/2010 6:00	20	0.6	1.3	179	5.6	42.1	81	0.00
6/1/2010 7:00	-3	1.3	2.9	164	8.0	46.4	74	0.00
6/1/2010 8:00	-4	1.4	3.1	176	11.0	51.8	61	0.00
6/1/2010 9:00	-5	1.2	2.7	185	12.4	54.3	54	0.00
6/1/2010 10:00	0	1.4	3.1	162	13.5	56.3	50	0.00
6/1/2010 11:00	4	1.6	3.6	2	14.5	58.1	48	0.00
6/1/2010 12:00	8	1.9	4.3	339	13.4	56.1	56	0.00
6/1/2010 13:00	-5	1.4	3.1	18	13.0	55.4	57	0.00
6/1/2010 14:00	13	2.1	4.7	35	15.5	59.9	48	0.00
6/1/2010 15:00	-5	2.9	6.5	96	11.4	52.5	69	0.39
6/1/2010 16:00	19	2.1	4.7	95	10.8	51.4	80	0.00
6/1/2010 17:00	-5	1.6	3.6	133	13.4	56.1	62	0.00
6/1/2010 18:00	10	1.5	3.4	168	13.2	55.8	62	0.04
6/1/2010 19:00	-5	2.4	5.4	23	10.5	50.9	79	0.00
6/1/2010 20:00	-2	2.2	4.9	10	9.9	49.8	80	0.02
6/1/2010 21:00	3	1.2	2.7	332	9.0	48.2	85	0.00
6/1/2010 22:00	8	1.1	2.5	272	8.4	47.1	86	0.01
6/1/2010 23:00	13	0.7	1.6	258	8.1	46.6	87	0.00
6/2/2010 0:00	-4	0.5	1.1	196	7.4	45.3	90	0.00
6/2/2010 1:00	0	0.6	1.3	203	7.0	44.6	89	0.00
6/2/2010 2:00	0	1.3	2.9	172	7.5	45.5	86	0.00
6/2/2010 3:00	9	1.2	2.7	183	7.4	45.3	84	0.00
6/2/2010 4:00	-5	0.9	2.0	186	6.6	43.9	86	0.00
6/2/2010 5:00	2	0.9	2.0	193	6.1	43.0	86	0.00
6/2/2010 6:00	5	1.2	2.7	171	6.6	43.9	82	0.00
6/2/2010 7:00	9	2.0	4.5	167	8.9	48.0	74	0.00
6/2/2010 8:00	-1	1.8	4.0	164	10.0	50.0	72	0.00
6/2/2010 9:00	-3	2.0	4.5	181	12.6	54.7	59	0.00
6/2/2010 10:00	11	2.7	6.0	207	14.8	58.6	50	0.00
6/2/2010 11:00	3	2.7	6.0	222	14.8	58.6	52	0.00
6/2/2010 12:00	13	2.6	5.8	188	14.9	58.8	53	0.00
6/2/2010 13:00	7	3.0	6.7	221	14.4	57.9	56	0.00
6/2/2010 14:00	5	2.9	6.5	220	14.8	58.6	56	0.00
6/2/2010 15:00	5	3.0	6.7	238	15.7	60.3	55	0.00
6/2/2010 16:00	3	3.6	8.1	240	15.8	60.4	58	0.00
6/2/2010 17:00	10	2.3	5.1	196	15.9	60.6	58	0.00
6/2/2010 18:00	-3	2.1	4.7	208	15.3	59.5	57	0.00
6/2/2010 19:00	-1	2.1	4.7	216	15.1	59.2	55	0.00
6/2/2010 20:00	-2	1.6	3.6	197	14.1	57.4	59	0.00
6/2/2010 21:00	4	2.0	4.5	196	13.2	55.8	62	0.00
6/2/2010 22:00	5	1.7	3.8	192	12.3	54.1	68	0.00
6/2/2010 23:00	-5	1.9	4.3	204	11.4	52.5	73	0.00
6/3/2010 0:00	14	1.3	2.9	189	10.2	50.4	80	0.00
6/3/2010 1:00	-5	1.2	2.7	231	10.4	50.7	75	0.00
6/3/2010 2:00	11	2.2	4.9	296	9.9	49.8	68	0.00
6/3/2010 3:00	0	2.4	5.4	316	9.4	48.9	67	0.00
6/3/2010 4:00	-5	1.6	3.6	272	8.4	47.1	72	0.00
6/3/2010 5:00	9	0.8	1.8	188	7.0	44.6	81	0.00
6/3/2010 6:00	5	1.2	2.7	208	8.3	46.9	71	0.00
6/3/2010 7:00	-5	1.3	2.9	247	8.7	47.7	69	0.00
6/3/2010 8:00	5	2.1	4.7	281	9.3	48.7	63	0.00
6/3/2010 9:00	-2	3.1	6.9	275	8.6	47.5	63	0.00
6/3/2010 10:00	2	3.0	6.7	289	10.0	50.0	58	0.00
6/3/2010 11:00	9	3.1	6.9	279	10.8	51.4	55	0.00
6/3/2010 12:00	16	4.2	9.4	284	11.5	52.7	53	0.00
6/3/2010 13:00	11	3.8	8.5	280	12.9	55.2	49	0.00
6/3/2010 14:00	8	3.7	8.3	283	14.5	58.1	42	0.00
6/3/2010 15:00	13	3.5	7.8	297	14.6	58.3	43	0.00
6/3/2010 16:00	7	3.2	7.2	282	13.9	57.0	46	0.00
6/3/2010 17:00	7	4.0	8.9	283	13.7	56.7	48	0.00
6/3/2010 18:00	-3	3.8	8.5	294	13.4	56.1	48	0.00
6/3/2010 19:00	4	4.0	8.9	287	12.3	54.1	50	0.00
6/3/2010 20:00	5	3.2	7.2	287	11.3	52.3	52	0.00
6/3/2010 21:00	2	2.5	5.6	288	10.2	50.4	57	0.00
6/3/2010 22:00	4	2.0	4.5	277	9.4	48.9	61	0.00
6/3/2010 23:00	8	1.1	2.5	237	7.3	45.1	71	0.00
6/4/2010 0:00	20	0.7	1.6	211	5.8	42.4	78	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/4/2010 2:00	-5	1.1	2.5	176	6.4	43.5	77	0.00
6/4/2010 3:00	15	1.6	3.6	157	6.9	44.4	79	0.00
6/4/2010 4:00	3	1.7	3.8	223	7.8	46.0	73	0.00
6/4/2010 5:00	-3	1.8	4.0	173	7.9	46.2	72	0.00
6/4/2010 6:00	-5	1.5	3.4	171	8.4	47.1	70	0.00
6/4/2010 7:00	9	2.2	4.9	156	8.2	46.8	74	0.00
6/4/2010 8:00	-3	2.7	6.0	153	8.5	47.3	76	0.00
6/4/2010 9:00	23	2.3	5.1	157	8.9	48.0	78	0.00
6/4/2010 10:00	-2	1.8	4.0	168	9.7	49.5	76	0.00
6/4/2010 11:00	5	2.3	5.1	170	11.4	52.5	69	0.00
6/4/2010 12:00	14	2.8	6.3	212	13.9	57.0	59	0.00
6/4/2010 13:00	-2	3.4	7.6	246	13.7	56.7	62	0.00
6/4/2010 14:00	6	1.4	3.1	205	14.4	57.9	59	0.00
6/4/2010 15:00	10	3.5	7.8	234	13.2	55.8	57	0.00
6/4/2010 16:00	8	5.1	11.4	241	12.0	53.6	59	0.00
6/4/2010 17:00	5	3.5	7.8	245	11.0	51.8	64	0.00
6/4/2010 18:00	-4	3.9	8.7	237	11.8	53.2	60	0.00
6/4/2010 19:00	6	4.1	9.2	239	12.1	53.8	59	0.00
6/4/2010 20:00	9	3.4	7.6	251	11.1	52.0	63	0.00
6/4/2010 21:00	6	2.7	6.0	287	9.5	49.1	66	0.00
6/4/2010 22:00	-1	1.8	4.0	271	9.2	48.6	64	0.00
6/4/2010 23:00	5	1.0	2.2	192	8.8	47.8	69	0.00
6/5/2010 0:00	-5	1.4	3.1	247	8.0	46.4	71	0.00
6/5/2010 1:00	-1	1.3	2.9	240	7.9	46.2	72	0.00
6/5/2010 2:00	-3	1.4	3.1	209	8.1	46.6	72	0.00
6/5/2010 3:00	0	1.0	2.2	181	7.9	46.2	73	0.00
6/5/2010 4:00	-5	0.9	2.0	228	6.7	44.1	75	0.00
6/5/2010 5:00	17	0.7	1.6	200	6.9	44.4	74	0.00
6/5/2010 6:00	-3	1.9	4.3	235	7.8	46.0	67	0.00
6/5/2010 7:00	-5	2.7	6.0	242	9.0	48.2	61	0.00
6/5/2010 8:00	-2	2.1	4.7	268	11.2	52.2	52	0.00
6/5/2010 9:00	3	3.5	7.8	273	9.9	49.8	55	0.00
6/5/2010 10:00	7	3.9	8.7	278	11.8	53.2	51	0.00
6/5/2010 11:00	-4	3.8	8.5	278	13.4	56.1	39	0.00
6/5/2010 12:00	8	3.3	7.4	291	14.3	57.7	36	0.00
6/5/2010 13:00	-3	3.0	6.7	285	14.8	58.6	33	0.00
6/5/2010 14:00	4	3.0	6.7	297	15.8	60.4	31	0.00
6/5/2010 15:00	3	2.6	5.8	302	16.7	62.1	29	0.00
6/5/2010 16:00	1	2.6	5.8	322	17.3	63.1	28	0.00
6/5/2010 17:00	6	2.5	5.6	310	17.9	64.2	27	0.00
6/5/2010 18:00	12	2.7	6.0	331	17.0	62.6	30	0.00
6/5/2010 19:00	3	3.9	8.7	29	15.3	59.5	36	0.00
6/5/2010 20:00	4	2.5	5.6	33	13.3	55.9	41	0.00
6/5/2010 21:00	14	1.6	3.6	321	10.8	51.4	51	0.00
6/5/2010 22:00	9	1.6	3.6	256	8.0	46.4	60	0.00
6/5/2010 23:00	13	0.7	1.6	170	6.5	43.7	68	0.00
6/6/2010 0:00	13	0.7	1.6	229	5.7	42.3	74	0.00
6/6/2010 1:00	5	0.8	1.8	226	5.9	42.6	71	0.00
6/6/2010 2:00	-5	1.0	2.2	230	6.3	43.3	71	0.00
6/6/2010 3:00	22	0.7	1.6	205	5.6	42.1	78	0.00
6/6/2010 4:00	-4	0.8	1.8	238	5.4	41.7	79	0.00
6/6/2010 5:00	15	0.9	2.0	232	5.6	42.1	78	0.00
6/6/2010 6:00	8	0.7	1.6	214	5.8	42.4	76	0.00
6/6/2010 7:00	8	0.8	1.8	153	8.4	47.1	65	0.00
6/6/2010 8:00	3	0.9	2.0	217	10.8	51.4	55	0.00
6/6/2010 9:00	12	1.3	2.9	202	13.1	55.6	46	0.00
6/6/2010 10:00	10	2.3	5.1	148	15.5	59.9	40	0.00
6/6/2010 11:00	32	1.9	4.3	143	17.1	62.8	36	0.00
6/6/2010 12:00	4	2.0	4.5	147	18.3	64.9	35	0.00
6/6/2010 13:00	14	1.8	4.0	202	18.4	65.1	39	0.00
6/6/2010 14:00	10	2.7	6.0	223	17.9	64.2	45	0.00
6/6/2010 15:00	25	3.1	6.9	152	18.5	65.3	45	0.00
6/6/2010 16:00	4	2.7	6.0	209	15.8	60.4	56	0.00
6/6/2010 17:00	10	2.9	6.5	158	15.6	60.1	61	0.05
6/6/2010 18:00	4	1.9	4.3	183	13.1	55.6	71	0.00
6/6/2010 19:00	2	1.7	3.8	181	14.5	58.1	61	0.00
6/6/2010 20:00	1	1.9	4.3	191	13.9	57.0	62	0.00
6/6/2010 21:00	-5	3.6	8.1	290	11.9	53.4	72	0.00
6/6/2010 22:00	6	2.2	4.9	42	10.3	50.5	84	0.03
6/6/2010 23:00	-2	1.3	2.9	310	9.6	49.3	85	0.00
6/7/2010 0:00	1	0.7	1.6	224	9.1	48.4	88	0.01
6/7/2010 1:00	12	0.6	1.3	193	8.9	48.0	90	0.00
6/7/2010 2:00	7	0.6	1.3	207	8.8	47.8	89	0.00
6/7/2010 3:00	-1	0.8	1.8	197	8.7	47.7	88	0.00
6/7/2010 4:00	2	0.8	1.8	125	8.9	48.0	84	0.00
6/7/2010 5:00	-4	1.1	2.5	219	9.3	48.7	79	0.00
6/7/2010 6:00	15	1.0	2.2	204	9.3	48.7	78	0.00
6/7/2010 7:00	1	1.0	2.2	192	10.2	50.4	76	0.00
6/7/2010 8:00	3	1.6	3.6	249	10.6	51.1	71	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/7/2010 9:00	-5	2.1	4.7	242	10.4	50.7	66	0.00
6/7/2010 10:00	1	1.5	3.4	204	12.1	53.8	59	0.00
6/7/2010 11:00	14	1.8	4.0	151	13.5	56.3	60	0.00
6/7/2010 12:00	-1	2.3	5.1	202	12.8	55.0	61	0.00
6/7/2010 13:00	4	3.8	8.5	12	13.5	56.3	61	0.00
6/7/2010 14:00	20	4.6	10.3	8	12.7	54.9	65	0.00
6/7/2010 15:00	2	2.5	5.6	339	11.2	52.2	70	0.10
6/7/2010 16:00	-5	3.1	6.9	1	11.7	53.1	68	0.00
6/7/2010 17:00	-5	3.3	7.4	306	12.9	55.2	57	0.00
6/7/2010 18:00	5	3.0	6.7	305	11.7	53.1	58	0.00
6/7/2010 19:00	-3	2.6	5.8	301	11.5	52.7	57	0.00
6/7/2010 20:00	3	1.4	3.1	343	10.4	50.7	61	0.00
6/7/2010 21:00	10	1.1	2.5	297	7.8	46.0	71	0.00
6/7/2010 22:00	-5	1.3	2.9	261	6.9	44.4	74	0.00
6/7/2010 23:00	7	2.0	4.5	272	7.1	44.8	70	0.00
6/8/2010 0:00	5	1.9	4.3	270	6.5	43.7	71	0.00
6/8/2010 1:00	5	0.8	1.8	200	4.4	39.9	78	0.00
6/8/2010 2:00	3	1.6	3.6	242	4.3	39.7	76	0.00
6/8/2010 3:00	0	1.2	2.7	200	4.3	39.7	76	0.00
6/8/2010 4:00	4	1.5	3.4	161	4.2	39.6	77	0.00
6/8/2010 5:00	-5	1.3	2.9	164	2.7	36.9	82	0.00
6/8/2010 6:00	5	1.3	2.9	166	3.2	37.8	77	0.00
6/8/2010 7:00	11	1.6	3.6	170	6.1	43.0	67	0.00
6/8/2010 8:00	9	2.0	4.5	161	9.0	48.2	58	0.00
6/8/2010 9:00	-1	2.0	4.5	178	11.4	52.5	50	0.00
6/8/2010 10:00	11	2.0	4.5	199	12.8	55.0	40	0.00
6/8/2010 11:00	2	2.0	4.5	138	14.0	57.2	38	0.00
6/8/2010 12:00	6	2.3	5.1	120	15.7	60.3	34	0.00
6/8/2010 13:00	18	2.3	5.1	148	17.2	63.0	28	0.00
6/8/2010 14:00	11	2.0	4.5	209	18.5	65.3	24	0.00
6/8/2010 15:00	14	2.2	4.9	249	19.6	67.3	23	0.00
6/8/2010 16:00	11	1.6	3.6	245	19.3	66.7	22	0.00
6/8/2010 17:00	12	1.4	3.1	354	18.2	64.8	26	0.00
6/8/2010 18:00	14	3.2	7.2	24	18.4	65.1	27	0.00
6/8/2010 19:00	16	4.0	8.9	19	17.6	63.7	31	0.00
6/8/2010 20:00	11	2.5	5.6	4	16.0	60.8	38	0.00
6/8/2010 21:00	12	1.1	2.5	321	13.0	55.4	50	0.00
6/8/2010 22:00	19	0.9	2.0	240	9.8	49.6	62	0.00
6/8/2010 23:00	7	0.9	2.0	202	8.0	46.4	69	0.00
6/9/2010 0:00	8	1.0	2.2	184	7.5	45.5	65	0.00
6/9/2010 1:00	6	0.9	2.0	223	8.1	46.6	62	0.00
6/9/2010 2:00	10	1.0	2.2	205	7.0	44.6	67	0.00
6/9/2010 3:00	2	0.8	1.8	217	6.0	42.8	73	0.00
6/9/2010 4:00	7	0.8	1.8	226	6.9	44.4	70	0.00
6/9/2010 5:00	0	1.4	3.1	239	8.5	47.3	63	0.00
6/9/2010 6:00	6	1.1	2.5	219	9.5	49.1	60	0.00
6/9/2010 7:00	32	1.2	2.7	184	10.8	51.4	58	0.00
6/9/2010 8:00	31	1.3	2.9	206	12.4	54.3	56	0.00
6/9/2010 9:00	45	2.0	4.5	165	15.8	60.4	48	0.00
6/9/2010 10:00	27	2.4	5.4	146	16.3	61.3	44	0.00
6/9/2010 11:00	38	1.5	3.4	184	15.8	60.4	49	0.00
6/9/2010 12:00	27	2.6	5.8	299	14.9	58.8	53	0.00
6/9/2010 13:00	28	2.6	5.8	349	12.6	54.7	59	0.00
6/9/2010 14:00	11	1.7	3.8	51	12.4	54.3	61	0.00
6/9/2010 15:00	10	1.2	2.7	94	14.2	57.6	53	0.00
6/9/2010 16:00	5	1.7	3.8	166	15.5	59.9	45	0.00
6/9/2010 17:00	22	3.1	6.9	223	17.9	64.2	36	0.00
6/9/2010 18:00	16	3.1	6.9	293	16.8	62.2	42	0.00
6/9/2010 19:00	16	5.0	11.2	10	12.6	54.7	58	0.00
6/9/2010 20:00	34	4.1	9.2	19	10.8	51.4	63	0.00
6/9/2010 21:00	19	4.0	8.9	32	9.6	49.3	70	0.00
6/9/2010 22:00	-5	3.0	6.7	2	8.5	47.3	76	0.00
6/9/2010 23:00	-3	1.7	3.8	331	7.7	45.9	82	0.04
6/10/2010 0:00	13	1.5	3.4	307	7.1	44.8	79	0.00
6/10/2010 1:00	-5	0.8	1.8	279	7.0	44.6	83	0.00
6/10/2010 2:00	-5	0.9	2.0	200	5.6	42.1	86	0.00
6/10/2010 3:00	14	1.0	2.2	233	4.6	40.3	88	0.00
6/10/2010 4:00	-3	1.1	2.5	180	3.6	38.5	88	0.00
6/10/2010 5:00	-5	0.9	2.0	211	2.1	35.8	90	0.00
6/10/2010 6:00	9	0.9	2.0	222	3.8	38.8	84	0.00
6/10/2010 7:00	-1	1.0	2.2	268	6.3	43.3	77	0.00
6/10/2010 8:00	-5	2.2	4.9	12	6.8	44.2	80	0.00
6/10/2010 9:00	8	2.7	6.0	8	8.5	47.3	72	0.00
6/10/2010 10:00	-2	2.9	6.5	25	10.2	50.4	64	0.00
6/10/2010 11:00	7	3.4	7.6	22	11.2	52.2	58	0.00
6/10/2010 12:00	-4	3.2	7.2	11	11.0	51.8	57	0.00
6/10/2010 13:00	-5	3.1	6.9	9	9.0	48.2	65	0.04
6/10/2010 14:00	4	3.4	7.6	263	6.3	43.3	80	0.18
6/10/2010 15:00	3	1.8	4.0	34	6.2	43.2	83	0.06

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/10/2010 16:00	16	1.0	2.2	75	6.7	44.1	80	0.01
6/10/2010 17:00	4	1.2	2.7	201	6.8	44.2	81	0.01
6/10/2010 18:00	-1	1.4	3.1	188	6.9	44.4	77	0.00
6/10/2010 19:00	2	1.0	2.2	193	9.1	48.4	67	0.00
6/10/2010 20:00	9	1.2	2.7	146	8.2	46.8	72	0.00
6/10/2010 21:00	-5	1.8	4.0	275	7.2	45.0	76	0.01
6/10/2010 22:00	0	0.9	2.0	12	6.3	43.3	85	0.04
6/10/2010 23:00	0	2.2	4.9	9	5.9	42.6	85	0.20
6/11/2010 0:00	-5	2.7	6.0	28	5.0	41.0	84	0.17
6/11/2010 1:00	-5	2.1	4.7	10	4.5	40.1	85	0.03
6/11/2010 2:00	1	1.4	3.1	339	4.1	39.4	87	0.01
6/11/2010 3:00	6	1.7	3.8	325	3.6	38.5	87	0.03
6/11/2010 4:00	-4	1.3	2.9	287	2.9	37.2	87	0.03
6/11/2010 5:00	4	0.7	1.6	299	2.8	37.0	87	0.02
6/11/2010 6:00	0	0.7	1.6	1	2.8	37.0	86	0.02
6/11/2010 7:00	3	0.7	1.6	353	2.9	37.2	84	0.03
6/11/2010 8:00	19	0.6	1.3	288	3.8	38.8	81	0.02
6/11/2010 9:00	4	0.8	1.8	295	5.2	41.4	76	0.00
6/11/2010 10:00	-5	0.9	2.0	5	6.4	43.5	72	0.00
6/11/2010 11:00	-2	1.0	2.2	227	7.8	46.0	66	0.00
6/11/2010 12:00	-5	1.4	3.1	359	9.2	48.6	63	0.00
6/11/2010 13:00	3	2.3	5.1	2	10.0	50.0	61	0.00
6/11/2010 14:00	-5	3.2	7.2	20	10.7	51.3	60	0.00
6/11/2010 15:00	-5	3.4	7.6	15	11.4	52.5	57	0.00
6/11/2010 16:00	6	4.3	9.6	11	12.0	53.6	57	0.00
6/11/2010 17:00	5	4.2	9.4	354	10.9	51.6	61	0.00
6/11/2010 18:00	1	4.0	8.9	359	10.5	50.9	61	0.00
6/11/2010 19:00	5	4.1	9.2	358	10.4	50.7	59	0.00
6/11/2010 20:00	6	3.9	8.7	1	9.4	48.9	62	0.00
6/11/2010 21:00	9	2.8	6.3	350	8.3	46.9	65	0.00
6/11/2010 22:00	11	1.7	3.8	352	7.3	45.1	71	0.00
6/11/2010 23:00	9	0.9	2.0	21	6.8	44.2	74	0.00
6/12/2010 0:00	-4	1.1	2.5	31	6.6	43.9	73	0.00
6/12/2010 1:00	2	0.7	1.6	253	3.7	38.7	83	0.00
6/12/2010 2:00	6	0.6	1.3	233	1.5	34.7	88	0.00
6/12/2010 3:00	13	0.8	1.8	221	0.7	33.3	89	0.00
6/12/2010 4:00	-5	0.6	1.3	236	-0.1	31.8	89	0.00
6/12/2010 5:00	5	0.6	1.3	239	-0.8	30.6	90	0.00
6/12/2010 6:00	9	0.7	1.6	274	0.9	33.6	86	0.00
6/12/2010 7:00	6	0.9	2.0	355	5.0	41.0	72	0.00
6/12/2010 8:00	0	1.3	2.9	11	6.8	44.2	69	0.00
6/12/2010 9:00	7	3.1	6.9	11	8.5	47.3	65	0.00
6/12/2010 10:00	2	3.2	7.2	14	9.7	49.5	56	0.00
6/12/2010 11:00	2	3.1	6.9	3	10.4	50.7	53	0.00
6/12/2010 12:00	2	4.0	8.9	11	11.9	53.4	50	0.00
6/12/2010 13:00	5	4.4	9.8	360	13.1	55.6	46	0.00
6/12/2010 14:00	7	4.8	10.7	1	14.0	57.2	43	0.00
6/12/2010 15:00	3	4.9	11.0	360	14.6	58.3	40	0.00
6/12/2010 16:00	5	5.0	11.2	5	15.1	59.2	36	0.00
6/12/2010 17:00	8	4.7	10.5	3	15.3	59.5	35	0.00
6/12/2010 18:00	11	4.4	9.8	3	15.2	59.4	34	0.00
6/12/2010 19:00	3	4.0	8.9	1	14.5	58.1	36	0.00
6/12/2010 20:00	10	3.1	6.9	352	13.1	55.6	41	0.00
6/12/2010 21:00	31	1.9	4.3	347	10.2	50.4	53	0.00
6/12/2010 22:00	-3	0.9	2.0	285	8.1	46.6	60	0.00
6/12/2010 23:00	21	0.7	1.6	252	6.4	43.5	66	0.00
6/13/2010 0:00	10	0.7	1.6	204	2.7	36.9	82	0.00
6/13/2010 1:00	15	0.7	1.6	224	1.5	34.7	85	0.00
6/13/2010 2:00	0	0.8	1.8	224	1.5	34.7	83	0.00
6/13/2010 3:00	7	0.9	2.0	222	0.5	32.9	86	0.00
6/13/2010 4:00	4	0.9	2.0	230	0.1	32.2	86	0.00
6/13/2010 5:00	4	1.0	2.2	217	-0.3	31.5	86	0.00
6/13/2010 6:00	-4	1.0	2.2	222	1.3	34.3	78	0.00
6/13/2010 7:00	17	1.2	2.7	152	5.5	41.9	66	0.00
6/13/2010 8:00	-5	1.3	2.9	154	8.9	48.0	59	0.00
6/13/2010 9:00	2	1.1	2.5	136	12.0	53.6	47	0.00
6/13/2010 10:00	9	1.4	3.1	69	13.4	56.1	38	0.00
6/13/2010 11:00	3	1.8	4.0	25	14.2	57.6	36	0.00
6/13/2010 12:00	5	2.5	5.6	23	15.4	59.7	38	0.00
6/13/2010 13:00	2	2.8	6.3	14	16.6	61.9	39	0.00
6/13/2010 14:00	5	3.0	6.7	21	18.2	64.8	34	0.00
6/13/2010 15:00	39	2.8	6.3	9	19.6	67.3	26	0.00
6/13/2010 16:00	36	2.7	6.0	9	20.5	68.9	20	0.00
6/13/2010 17:00	32	2.6	5.8	18	21.1	70.0	20	0.00
6/13/2010 18:00	17	2.6	5.8	23	21.4	70.5	16	0.00
6/13/2010 19:00	36	1.8	4.0	8	21.1	70.0	18	0.00
6/13/2010 20:00	18	1.0	2.2	268	19.2	66.6	30	0.00
6/13/2010 21:00	23	1.5	3.4	232	13.6	56.5	45	0.00
6/13/2010 22:00	5	1.6	3.6	243	11.1	52.0	46	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/13/2010 23:00	11	1.1	2.5	248	8.2	46.8	58	0.00
6/14/2010 0:00	9	0.9	2.0	236	7.4	45.3	60	0.00
6/14/2010 1:00	-5	1.2	2.7	227	6.5	43.7	60	0.00
6/14/2010 2:00	8	1.3	2.9	215	7.3	45.1	53	0.00
6/14/2010 3:00	9	1.3	2.9	185	4.0	39.2	68	0.00
6/14/2010 4:00	8	1.0	2.2	196	4.9	40.8	67	0.00
6/14/2010 5:00	2	1.0	2.2	193	3.6	38.5	74	0.00
6/14/2010 6:00	10	1.2	2.7	178	5.7	42.3	65	0.00
6/14/2010 7:00	10	1.5	3.4	156	9.5	49.1	58	0.00
6/14/2010 8:00	9	1.3	2.9	123	13.2	55.8	47	0.00
6/14/2010 9:00	20	1.1	2.5	58	16.0	60.8	42	0.00
6/14/2010 10:00	13	2.7	6.0	33	17.0	62.6	44	0.00
6/14/2010 11:00	16	3.0	6.7	29	18.4	65.1	41	0.00
6/14/2010 12:00	15	2.9	6.5	24	19.6	67.3	36	0.00
6/14/2010 13:00	13	2.5	5.6	15	20.6	69.1	32	0.00
6/14/2010 14:00	42	2.3	5.1	37	21.5	70.7	31	0.00
6/14/2010 15:00	25	2.4	5.4	23	22.3	72.1	29	0.00
6/14/2010 16:00	35	1.9	4.3	13	22.8	73.0	28	0.00
6/14/2010 17:00	25	2.4	5.4	8	22.6	72.7	29	0.00
6/14/2010 18:00	25	3.0	6.7	16	21.3	70.3	32	0.00
6/14/2010 19:00	28	3.2	7.2	13	20.2	68.4	36	0.00
6/14/2010 20:00	12	1.4	3.1	343	17.6	63.7	45	0.00
6/14/2010 21:00	19	1.3	2.9	287	16.0	60.8	47	0.00
6/14/2010 22:00	14	1.4	3.1	59	15.0	59.0	51	0.00
6/14/2010 23:00	48	4.0	8.9	36	14.6	58.3	53	0.00
6/15/2010 0:00	29	3.5	7.8	9	11.5	52.7	68	0.00
6/15/2010 1:00	-3	1.8	4.0	276	9.9	49.8	75	0.00
6/15/2010 2:00	-5	2.2	4.9	264	10.0	50.0	76	0.00
6/15/2010 3:00	18	0.9	2.0	290	9.6	49.3	81	0.00
6/15/2010 4:00	7	1.2	2.7	275	9.3	48.7	86	0.10
6/15/2010 5:00	0	2.2	4.9	311	8.1	46.6	83	0.12
6/15/2010 6:00	-5	1.0	2.2	178	7.5	45.5	83	0.00
6/15/2010 7:00	3	1.3	2.9	172	8.2	46.8	82	0.00
6/15/2010 8:00	17	1.2	2.7	175	10.2	50.4	76	0.00
6/15/2010 9:00	4	1.9	4.3	161	11.1	52.0	74	0.00
6/15/2010 10:00	4	2.6	5.8	147	12.5	54.5	70	0.00
6/15/2010 11:00	6	2.8	6.3	150	12.8	55.0	71	0.00
6/15/2010 12:00	4	3.1	6.9	143	13.5	56.3	67	0.00
6/15/2010 13:00	2	2.3	5.1	146	11.9	53.4	77	0.02
6/15/2010 14:00	1	2.5	5.6	200	13.4	56.1	66	0.01
6/15/2010 15:00	4	2.1	4.7	122	13.8	56.8	65	0.00
6/15/2010 16:00	2	2.6	5.8	154	14.9	58.8	59	0.00
6/15/2010 17:00	-5	2.0	4.5	257	13.1	55.6	71	0.09
6/15/2010 18:00	-5	1.8	4.0	61	10.2	50.4	86	0.21
6/15/2010 19:00	22	1.3	2.9	301	10.8	51.4	81	0.00
6/15/2010 20:00	-5	0.9	2.0	221	10.0	50.0	84	0.00
6/15/2010 21:00	4	0.7	1.6	193	9.5	49.1	88	0.05
6/15/2010 22:00	16	0.8	1.8	218	8.3	46.9	90	0.00
6/15/2010 23:00	-5	0.8	1.8	187	7.0	44.6	90	0.00
6/16/2010 0:00	-2	0.9	2.0	253	6.7	44.1	90	0.01
6/16/2010 1:00	10	0.7	1.6	290	7.6	45.7	90	0.00
6/16/2010 2:00	-4	0.6	1.3	93	8.0	46.4	90	0.00
6/16/2010 3:00	11	0.9	2.0	202	8.1	46.6	90	0.15
6/16/2010 4:00	-5	0.7	1.6	53	8.0	46.4	90	0.03
6/16/2010 5:00	3	2.0	4.5	283	8.2	46.8	90	0.21
6/16/2010 6:00	-3	1.8	4.0	177	7.4	45.3	87	0.08
6/16/2010 7:00	-2	1.9	4.3	237	7.3	45.1	86	0.03
6/16/2010 8:00	9	0.7	1.6	220	7.2	45.0	88	0.08
6/16/2010 9:00	15	0.6	1.3	239	8.6	47.5	83	0.00
6/16/2010 10:00	8	1.4	3.1	149	10.6	51.1	72	0.00
6/16/2010 11:00	-3	1.6	3.6	287	10.9	51.6	70	0.00
6/16/2010 12:00	-5	3.5	7.8	17	9.8	49.6	81	0.00
6/16/2010 13:00	7	2.8	6.3	21	9.1	48.4	85	0.05
6/16/2010 14:00	1	2.1	4.7	12	8.7	47.7	86	0.07
6/16/2010 15:00	19	1.6	3.6	300	8.3	46.9	84	0.10
6/16/2010 16:00	-2	3.1	6.9	275	8.0	46.4	78	0.02
6/16/2010 17:00	-5	2.4	5.4	278	7.8	46.0	79	0.04
6/16/2010 18:00	7	1.8	4.0	277	7.6	45.7	79	0.03
6/16/2010 19:00	-5	1.3	2.9	300	7.2	45.0	81	0.03
6/16/2010 20:00	1	1.6	3.6	6	7.0	44.6	84	0.01
6/16/2010 21:00	-1	2.0	4.5	38	6.7	44.1	83	0.00
6/16/2010 22:00	2	1.6	3.6	353	6.6	43.9	84	0.00
6/16/2010 23:00	0	2.0	4.5	17	6.0	42.8	87	0.01
6/17/2010 0:00	-2	1.8	4.0	28	5.6	42.1	87	0.00
6/17/2010 1:00	3	1.5	3.4	359	5.5	41.9	86	0.00
6/17/2010 2:00	4	2.0	4.5	286	4.9	40.8	85	0.06
6/17/2010 3:00	-5	3.5	7.8	241	3.6	38.5	82	0.04
6/17/2010 4:00	-3	4.1	9.2	248	3.7	38.7	77	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/17/2010 5:00	6	3.6	8.1	262	3.8	38.8	73	0.00
6/17/2010 6:00	6	1.8	4.0	265	3.9	39.0	72	0.00
6/17/2010 7:00	6	1.8	4.0	268	4.4	39.9	70	0.00
6/17/2010 8:00	-5	2.2	4.9	264	4.9	40.8	69	0.00
6/17/2010 9:00	5	2.3	5.1	251	5.8	42.4	65	0.00
6/17/2010 10:00	7	3.4	7.6	255	5.9	42.6	64	0.00
6/17/2010 11:00	0	4.6	10.3	252	5.9	42.6	65	0.00
6/17/2010 12:00	5	5.1	11.4	250	6.0	42.8	65	0.00
6/17/2010 13:00	0	5.9	13.2	251	6.5	43.7	63	0.00
6/17/2010 14:00	8	4.9	11.0	256	6.9	44.4	64	0.00
6/17/2010 15:00	4	2.6	5.8	291	7.4	45.3	63	0.00
6/17/2010 16:00	-4	2.6	5.8	293	7.9	46.2	59	0.00
6/17/2010 17:00	2	2.6	5.8	286	8.0	46.4	60	0.00
6/17/2010 18:00	4	1.9	4.3	290	8.2	46.8	61	0.00
6/17/2010 19:00	3	2.0	4.5	270	7.7	45.9	61	0.00
6/17/2010 20:00	4	2.3	5.1	275	7.0	44.6	63	0.00
6/17/2010 21:00	-3	2.1	4.7	281	6.3	43.3	65	0.00
6/17/2010 22:00	4	2.5	5.6	280	5.8	42.4	67	0.00
6/17/2010 23:00	-5	1.6	3.6	281	5.2	41.4	70	0.00
6/18/2010 0:00	1	0.8	1.8	311	4.3	39.7	72	0.00
6/18/2010 1:00	-5	2.3	5.1	242	4.8	40.6	68	0.00
6/18/2010 2:00	2	3.2	7.2	248	5.1	41.2	67	0.00
6/18/2010 3:00	2	3.8	8.5	245	5.5	41.9	66	0.00
6/18/2010 4:00	10	3.2	7.2	239	5.6	42.1	65	0.00
6/18/2010 5:00	-5	2.7	6.0	240	5.3	41.5	66	0.00
6/18/2010 6:00	-4	2.6	5.8	237	5.7	42.3	64	0.00
6/18/2010 7:00	4	2.1	4.7	225	6.3	43.3	62	0.00
6/18/2010 8:00	18	1.9	4.3	231	8.0	46.4	57	0.00
6/18/2010 9:00	3	2.1	4.7	233	10.5	50.9	47	0.00
6/18/2010 10:00	0	1.5	3.4	223	11.7	53.1	44	0.00
6/18/2010 11:00	5	1.3	2.9	342	12.5	54.5	41	0.00
6/18/2010 12:00	5	1.6	3.6	234	13.5	56.3	41	0.00
6/18/2010 13:00	-3	2.8	6.3	31	13.9	57.0	48	0.00
6/18/2010 14:00	4	3.0	6.7	26	14.6	58.3	47	0.00
6/18/2010 15:00	1	3.4	7.6	15	15.1	59.2	47	0.00
6/18/2010 16:00	-5	3.2	7.2	17	15.7	60.3	46	0.00
6/18/2010 17:00	BA	BA	BA	16.2	61.2	43	0.00	
6/18/2010 18:00	3	3.1	6.9	15	15.9	60.6	44	0.00
6/18/2010 19:00	8	3.0	6.7	20	15.5	59.9	45	0.00
6/18/2010 20:00	5	2.3	5.1	15	14.3	57.7	51	0.00
6/18/2010 21:00	14	1.1	2.5	301	11.3	52.3	64	0.00
6/18/2010 22:00	9	1.0	2.2	252	8.5	47.3	72	0.00
6/18/2010 23:00	-5	0.9	2.0	236	7.0	44.6	77	0.00
6/19/2010 0:00	10	0.7	1.6	240	5.0	41.0	85	0.00
6/19/2010 1:00	-2	0.8	1.8	253	4.7	40.5	86	0.00
6/19/2010 2:00	4	0.8	1.8	241	4.2	39.6	85	0.00
6/19/2010 3:00	17	0.8	1.8	221	3.3	37.9	87	0.00
6/19/2010 4:00	-5	0.9	2.0	232	3.2	37.8	87	0.00
6/19/2010 5:00	-5	0.7	1.6	233	2.4	36.3	88	0.00
6/19/2010 6:00	45	0.8	1.8	228	3.3	37.9	86	0.00
6/19/2010 7:00	-5	0.7	1.6	264	7.8	46.0	71	0.00
6/19/2010 8:00	5	1.6	3.6	168	11.6	52.9	61	0.00
6/19/2010 9:00	13	1.2	2.7	177	13.2	55.8	56	0.00
6/19/2010 10:00	4	1.1	2.5	26	13.9	57.0	58	0.00
6/19/2010 11:00	2	1.1	2.5	60	17.1	62.8	47	0.00
6/19/2010 12:00	15	2.1	4.7	27	19.0	66.2	44	0.00
6/19/2010 13:00	-1	3.3	7.4	9	18.4	65.1	52	0.00
6/19/2010 14:00	-2	3.0	6.7	357	18.0	64.4	49	0.00
6/19/2010 15:00	8	4.4	9.8	25	19.2	66.6	41	0.00
6/19/2010 16:00	6	3.4	7.6	5	19.0	66.2	37	0.00
6/19/2010 17:00	13	3.2	7.2	18	18.7	65.7	39	0.00
6/19/2010 18:00	37	2.6	5.8	243	14.3	57.7	56	0.00
6/19/2010 19:00	-5	3.2	7.2	288	13.0	55.4	63	0.00
6/19/2010 20:00	11	1.3	2.9	322	12.5	54.5	65	0.00
6/19/2010 21:00	7	0.8	1.8	227	10.0	50.0	76	0.00
6/19/2010 22:00	-5	1.1	2.5	237	8.2	46.8	82	0.00
6/19/2010 23:00	26	0.7	1.6	230	8.1	46.6	84	0.00
6/20/2010 0:00	2	0.7	1.6	177	7.9	46.2	85	0.00
6/20/2010 1:00	2	0.9	2.0	237	7.2	45.0	86	0.00
6/20/2010 2:00	31	0.8	1.8	257	6.0	42.8	88	0.00
6/20/2010 3:00	3	1.0	2.2	247	5.8	42.4	87	0.00
6/20/2010 4:00	-5	1.1	2.5	245	4.8	40.6	88	0.00
6/20/2010 5:00	28	0.8	1.8	218	4.0	39.2	88	0.00
6/20/2010 6:00	11	0.7	1.6	233	5.1	41.2	84	0.00
6/20/2010 7:00	5	0.9	2.0	104	8.9	48.0	74	0.00
6/20/2010 8:00	-1	1.0	2.2	135	11.9	53.4	65	0.00
6/20/2010 9:00	1	0.7	1.6	66	14.1	57.4	58	0.00
6/20/2010 10:00	11	1.1	2.5	346	15.3	59.5	54	0.00
6/20/2010 11:00	3	1.3	2.9	27	16.7	62.1	50	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/20/2010 12:00	10	1.8	4.0	22	16.9	62.4	54	0.00
6/20/2010 13:00	10	1.7	3.8	10	15.8	60.4	59	0.00
6/20/2010 14:00	7	5.2	11.6	260	13.2	55.8	61	0.02
6/20/2010 15:00	24	6.2	13.9	246	11.4	52.5	68	0.00
6/20/2010 16:00	7	4.7	10.5	247	14.3	57.7	59	0.00
6/20/2010 17:00	7	4.0	8.9	239	13.3	55.9	59	0.00
6/20/2010 18:00	9	3.0	6.7	221	12.6	54.7	61	0.00
6/20/2010 19:00	4	2.4	5.4	213	12.2	54.0	59	0.00
6/20/2010 20:00	-3	1.5	3.4	161	10.6	51.1	69	0.01
6/20/2010 21:00	11	1.1	2.5	188	9.5	49.1	71	0.00
6/20/2010 22:00	6	1.7	3.8	193	10.5	50.9	65	0.00
6/20/2010 23:00	-2	1.6	3.6	180	9.5	49.1	71	0.00
6/21/2010 0:00	-5	1.3	2.9	198	8.2	46.8	75	0.00
6/21/2010 1:00	17	1.5	3.4	194	7.7	45.9	78	0.00
6/21/2010 2:00	4	1.2	2.7	211	7.5	45.5	76	0.00
6/21/2010 3:00	-3	1.3	2.9	186	7.0	44.6	77	0.00
6/21/2010 4:00	-5	1.5	3.4	155	5.7	42.3	81	0.00
6/21/2010 5:00	7	1.7	3.8	216	5.6	42.1	81	0.00
6/21/2010 6:00	36	2.8	6.3	234	7.6	45.7	71	0.00
6/21/2010 7:00	-3	2.8	6.3	232	7.9	46.2	70	0.00
6/21/2010 8:00	31	3.3	7.4	230	9.2	48.6	64	0.00
6/21/2010 9:00	13	3.4	7.6	223	11.6	52.9	54	0.00
6/21/2010 10:00	35	3.5	7.8	230	13.3	55.9	47	0.00
6/21/2010 11:00	15	4.0	8.9	235	14.0	57.2	46	0.00
6/21/2010 12:00	18	3.3	7.4	242	14.6	58.3	46	0.00
6/21/2010 13:00	15	2.1	4.7	261	15.5	59.9	42	0.00
6/21/2010 14:00	16	3.3	7.4	252	15.9	60.6	44	0.00
6/21/2010 15:00	-4	2.7	6.0	271	15.6	60.1	45	0.00
6/21/2010 16:00	7	2.4	5.4	279	15.9	60.6	45	0.00
6/21/2010 17:00	-5	2.6	5.8	284	16.0	60.8	44	0.00
6/21/2010 18:00	12	2.9	6.5	357	15.7	60.3	49	0.00
6/21/2010 19:00	13	4.0	8.9	25	14.6	58.3	54	0.00
6/21/2010 20:00	4	3.0	6.7	20	13.3	55.9	58	0.00
6/21/2010 21:00	12	2.1	4.7	2	11.3	52.3	65	0.00
6/21/2010 22:00	-2	1.2	2.7	331	9.7	49.5	70	0.00
6/21/2010 23:00	-2	1.1	2.5	337	8.4	47.1	73	0.00
6/22/2010 0:00	2	1.5	3.4	329	8.4	47.1	74	0.00
6/22/2010 1:00	3	1.3	2.9	272	7.2	45.0	78	0.00
6/22/2010 2:00	21	0.9	2.0	243	4.9	40.8	84	0.00
6/22/2010 3:00	2	0.6	1.3	223	3.3	37.9	88	0.00
6/22/2010 4:00	8	1.0	2.2	207	3.1	37.6	88	0.00
6/22/2010 5:00	-5	0.7	1.6	249	2.1	35.8	88	0.00
6/22/2010 6:00	10	0.9	2.0	186	4.0	39.2	82	0.00
6/22/2010 7:00	16	1.2	2.7	155	7.2	45.0	74	0.00
6/22/2010 8:00	3	1.0	2.2	65	10.9	51.6	63	0.00
6/22/2010 9:00	5	1.8	4.0	10	12.9	55.2	57	0.00
6/22/2010 10:00	0	2.7	6.0	20	13.3	55.9	59	0.00
6/22/2010 11:00	-4	1.8	4.0	2	14.6	58.3	51	0.00
6/22/2010 12:00	-5	2.3	5.1	3	16.1	61.0	49	0.00
6/22/2010 13:00	6	2.9	6.5	1	17.1	62.8	47	0.00
6/22/2010 14:00	16	2.0	4.5	309	16.1	61.0	48	0.00
6/22/2010 15:00	16	2.4	5.4	353	17.2	63.0	45	0.00
6/22/2010 16:00	0	2.6	5.8	358	16.9	62.4	47	0.00
6/22/2010 17:00	4	2.8	6.3	12	18.4	65.1	41	0.00
6/22/2010 18:00	0	3.9	8.7	13	17.5	63.5	43	0.00
6/22/2010 19:00	20	3.5	7.8	20	16.8	62.2	47	0.00
6/22/2010 20:00	10	2.9	6.5	23	15.1	59.2	52	0.00
6/22/2010 21:00	23	1.7	3.8	280	12.0	53.6	65	0.00
6/22/2010 22:00	8	1.3	2.9	240	9.8	49.6	73	0.00
6/22/2010 23:00	21	0.7	1.6	257	7.6	45.7	81	0.00
6/23/2010 0:00	10	0.8	1.8	208	7.4	45.3	79	0.00
6/23/2010 1:00	6	0.8	1.8	219	6.2	43.2	82	0.00
6/23/2010 2:00	-4	1.1	2.5	228	5.1	41.2	85	0.00
6/23/2010 3:00	12	0.8	1.8	206	4.9	40.8	84	0.00
6/23/2010 4:00	1	0.9	2.0	208	3.8	38.8	87	0.00
6/23/2010 5:00	23	1.1	2.5	238	4.1	39.4	86	0.00
6/23/2010 6:00	32	1.5	3.4	228	6.8	44.2	76	0.00
6/23/2010 7:00	7	1.7	3.8	185	9.7	49.5	66	0.00
6/23/2010 8:00	26	1.9	4.3	183	13.0	55.4	58	0.00
6/23/2010 9:00	16	2.2	4.9	169	15.8	60.4	54	0.00
6/23/2010 10:00	23	1.8	4.0	165	18.7	65.7	45	0.00
6/23/2010 11:00	10	2.1	4.7	134	20.3	68.5	41	0.00
6/23/2010 12:00	14	2.2	4.9	245	21.3	70.3	35	0.00
6/23/2010 13:00	24	3.1	6.9	240	22.0	71.6	32	0.00
6/23/2010 14:00	31	2.5	5.6	227	23.2	73.8	29	0.00
6/23/2010 15:00	24	2.5	5.6	193	24.1	75.4	25	0.00
6/23/2010 16:00	-5	3.2	7.2	125	24.2	75.6	30	0.00
6/23/2010 17:00	8	2.0	4.5	118	23.6	74.5	29	0.00
6/23/2010 18:00	27	1.7	3.8	299	22.2	72.0	33	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/23/2010 19:00	15	1.7	3.8	290	22.6	72.7	29	0.00
6/23/2010 20:00	16	2.0	4.5	12	18.6	65.5	52	0.00
6/23/2010 21:00	9	0.9	2.0	319	15.9	60.6	60	0.00
6/23/2010 22:00	18	1.8	4.0	266	14.2	57.6	58	0.00
6/23/2010 23:00	12	1.1	2.5	299	11.7	53.1	68	0.00
6/24/2010 0:00	18	1.0	2.2	237	10.6	51.1	73	0.00
6/24/2010 1:00	1	1.3	2.9	219	8.8	47.8	77	0.00
6/24/2010 2:00	19	1.3	2.9	174	9.6	49.3	75	0.00
6/24/2010 3:00	-4	1.8	4.0	187	11.5	52.7	68	0.00
6/24/2010 4:00	10	1.3	2.9	221	11.8	53.2	67	0.00
6/24/2010 5:00	15	1.4	3.1	203	11.8	53.2	65	0.00
6/24/2010 6:00	4	0.9	2.0	278	10.3	50.5	73	0.00
6/24/2010 7:00	43	0.9	2.0	190	11.0	51.8	72	0.00
6/24/2010 8:00	29	1.0	2.2	182	13.0	55.4	66	0.00
6/24/2010 9:00	42	1.3	2.9	166	14.6	58.3	63	0.00
6/24/2010 10:00	46	1.4	3.1	165	17.3	63.1	53	0.00
6/24/2010 11:00	35	1.6	3.6	183	20.0	68.0	42	0.00
6/24/2010 12:00	21	2.2	4.9	148	22.1	71.8	35	0.00
6/24/2010 13:00	17	1.7	3.8	144	23.3	73.9	32	0.00
6/24/2010 14:00	43	3.4	7.6	263	22.5	72.5	32	0.00
6/24/2010 15:00	17	2.5	5.6	274	23.1	73.6	29	0.00
6/24/2010 16:00	20	3.3	7.4	252	22.3	72.1	31	0.00
6/24/2010 17:00	22	1.4	3.1	198	23.4	74.1	30	0.00
6/24/2010 18:00	34	1.2	2.7	207	22.2	72.0	33	0.00
6/24/2010 19:00	29	1.4	3.1	216	20.6	69.1	37	0.00
6/24/2010 20:00	29	2.0	4.5	231	19.7	67.5	39	0.00
6/24/2010 21:00	16	1.3	2.9	166	17.3	63.1	49	0.00
6/24/2010 22:00	11	1.2	2.7	228	15.4	59.7	57	0.00
6/24/2010 23:00	20	1.1	2.5	224	14.1	57.4	66	0.00
6/25/2010 0:00	6	1.2	2.7	223	13.2	55.8	71	0.00
6/25/2010 1:00	8	1.2	2.7	205	12.8	55.0	72	0.00
6/25/2010 2:00	-5	1.1	2.5	223	11.7	53.1	75	0.00
6/25/2010 3:00	32	1.4	3.1	205	12.0	53.6	74	0.00
6/25/2010 4:00	32	1.2	2.7	226	11.5	52.7	76	0.00
6/25/2010 5:00	-2	1.1	2.5	170	11.0	51.8	74	0.00
6/25/2010 6:00	15	1.0	2.2	227	10.8	51.4	75	0.00
6/25/2010 7:00	1	1.3	2.9	192	12.4	54.3	71	0.00
6/25/2010 8:00	20	1.4	3.1	182	14.2	57.6	66	0.00
6/25/2010 9:00	26	1.8	4.0	166	16.4	61.5	57	0.00
6/25/2010 10:00	157	1.5	3.4	148	19.5	67.1	46	0.00
6/25/2010 11:00	21	1.3	2.9	102	22.0	71.6	33	0.00
6/25/2010 12:00	16	1.3	2.9	302	22.0	71.6	36	0.00
6/25/2010 13:00	13	2.7	6.0	348	21.7	71.1	42	0.00
6/25/2010 14:00	43	2.7	6.0	348	20.5	68.9	44	0.00
6/25/2010 15:00	2	2.2	4.9	267	18.4	65.1	52	0.00
6/25/2010 16:00	15	1.8	4.0	249	17.9	64.2	54	0.01
6/25/2010 17:00	-5	2.6	5.8	232	15.2	59.4	67	0.02
6/25/2010 18:00	4	1.8	4.0	249	16.6	61.9	61	0.00
6/25/2010 19:00	9	2.0	4.5	263	15.9	60.6	58	0.00
6/25/2010 20:00	8	2.1	4.7	299	14.8	58.6	58	0.00
6/25/2010 21:00	-5	1.6	3.6	258	13.8	56.8	69	0.00
6/25/2010 22:00	24	0.9	2.0	216	13.2	55.8	77	0.00
6/25/2010 23:00	-5	0.8	1.8	167	12.7	54.9	76	0.00
6/26/2010 0:00	19	0.9	2.0	155	12.4	54.3	78	0.00
6/26/2010 1:00	3	1.2	2.7	182	13.0	55.4	71	0.00
6/26/2010 2:00	0	1.5	3.4	210	12.5	54.5	73	0.00
6/26/2010 3:00	6	1.6	3.6	219	12.1	53.8	69	0.00
6/26/2010 4:00	-5	2.2	4.9	233	10.9	51.6	73	0.00
6/26/2010 5:00	1	2.6	5.8	248	10.5	50.9	73	0.00
6/26/2010 6:00	9	2.5	5.6	209	10.9	51.6	70	0.00
6/26/2010 7:00	0	1.1	2.5	168	12.4	54.3	64	0.00
6/26/2010 8:00	3	2.2	4.9	234	14.3	57.7	59	0.00
6/26/2010 9:00	2	1.6	3.6	230	16.6	61.9	46	0.00
6/26/2010 10:00	10	1.9	4.3	264	18.0	64.4	39	0.00
6/26/2010 11:00	9	2.4	5.4	260	18.8	65.8	37	0.00
6/26/2010 12:00	13	2.5	5.6	250	19.7	67.5	37	0.00
6/26/2010 13:00	4	1.9	4.3	254	19.6	67.3	37	0.00
6/26/2010 14:00	15	3.3	7.4	283	20.8	69.4	31	0.00
6/26/2010 15:00	6	3.2	7.2	299	21.5	70.7	30	0.00
6/26/2010 16:00	19	3.3	7.4	290	22.2	72.0	28	0.00
6/26/2010 17:00	2	3.1	6.9	288	21.7	71.1	28	0.00
6/26/2010 18:00	11	3.0	6.7	289	22.1	71.8	27	0.00
6/26/2010 19:00	16	3.2	7.2	285	21.3	70.3	27	0.00
6/26/2010 20:00	7	2.9	6.5	291	19.9	67.8	27	0.00
6/26/2010 21:00	18	1.6	3.6	283	17.0	62.6	34	0.00
6/26/2010 22:00	10	1.5	3.4	262	13.6	56.5	45	0.00
6/26/2010 23:00	35	1.0	2.2	207	10.8	51.4	58	0.00
6/27/2010 0:00	2	1.1	2.5	233	9.2	48.6	64	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/27/2010 1:00	20	1.2	2.7	242	8.7	47.7	63	0.00
6/27/2010 2:00	8	0.9	2.0	217	6.8	44.2	72	0.00
6/27/2010 3:00	15	1.3	2.9	239	6.7	44.1	71	0.00
6/27/2010 4:00	10	0.8	1.8	168	5.6	42.1	76	0.00
6/27/2010 5:00	9	1.1	2.5	196	5.8	42.4	77	0.00
6/27/2010 6:00	17	1.3	2.9	170	6.8	44.2	71	0.00
6/27/2010 7:00	-1	1.6	3.6	156	11.1	52.0	61	0.00
6/27/2010 8:00	2	1.6	3.6	158	15.0	59.0	50	0.00
6/27/2010 9:00	10	1.2	2.7	181	17.9	64.2	40	0.00
6/27/2010 10:00	8	1.1	2.5	156	19.4	66.9	36	0.00
6/27/2010 11:00	8	1.7	3.8	197	20.1	68.2	33	0.00
6/27/2010 12:00	9	2.1	4.7	53	21.2	70.2	33	0.00
6/27/2010 13:00	7	2.0	4.5	45	22.0	71.6	32	0.00
6/27/2010 14:00	19	2.9	6.5	22	22.8	73.0	33	0.00
6/27/2010 15:00	1	2.9	6.5	12	23.4	74.1	32	0.00
6/27/2010 16:00	11	3.1	6.9	10	23.6	74.5	33	0.00
6/27/2010 17:00	11	2.6	5.8	19	23.5	74.3	33	0.00
6/27/2010 18:00	7	2.2	4.9	4	22.7	72.9	34	0.00
6/27/2010 19:00	18	2.5	5.6	6	23.0	73.4	33	0.00
6/27/2010 20:00	14	1.3	2.9	343	21.1	70.0	40	0.00
6/27/2010 21:00	28	0.9	2.0	259	16.6	61.9	56	0.00
6/27/2010 22:00	22	1.0	2.2	257	13.0	55.4	68	0.00
6/27/2010 23:00	20	0.6	1.3	198	10.7	51.3	75	0.00
6/28/2010 0:00	15	0.8	1.8	183	10.5	50.9	71	0.00
6/28/2010 1:00	13	0.8	1.8	201	8.6	47.5	78	0.00
6/28/2010 2:00	16	1.1	2.5	198	9.1	48.4	74	0.00
6/28/2010 3:00	-4	1.0	2.2	222	7.6	45.7	76	0.00
6/28/2010 4:00	20	0.8	1.8	227	6.2	43.2	81	0.00
6/28/2010 5:00	-5	0.8	1.8	226	5.9	42.6	82	0.00
6/28/2010 6:00	26	1.0	2.2	188	8.3	46.9	70	0.00
6/28/2010 7:00	11	1.0	2.2	210	11.7	53.1	61	0.00
6/28/2010 8:00	26	1.7	3.8	161	16.0	60.8	51	0.00
6/28/2010 9:00	50	1.9	4.3	169	19.3	66.7	41	0.00
6/28/2010 10:00	29	1.9	4.3	170	22.5	72.5	34	0.00
6/28/2010 11:00	9	1.5	3.4	151	24.5	76.1	25	0.00
6/28/2010 12:00	20	1.4	3.1	170	25.7	78.3	24	0.00
6/28/2010 13:00	30	1.8	4.0	156	27.1	80.8	21	0.00
6/28/2010 14:00	38	2.4	5.4	218	28.1	82.6	16	0.00
6/28/2010 15:00	28	2.6	5.8	219	28.8	83.8	15	0.00
6/28/2010 16:00	26	2.8	6.3	240	29.0	84.2	15	0.00
6/28/2010 17:00	40	2.0	4.5	226	29.6	85.3	14	0.00
6/28/2010 18:00	19	2.7	6.0	233	29.3	84.7	13	0.00
6/28/2010 19:00	23	2.8	6.3	238	28.4	83.1	16	0.00
6/28/2010 20:00	26	0.8	1.8	194	26.2	79.2	27	0.00
6/28/2010 21:00	19	1.0	2.2	221	19.0	66.2	46	0.00
6/28/2010 22:00	17	1.5	3.4	214	16.6	61.9	48	0.00
6/28/2010 23:00	14	1.5	3.4	243	15.9	60.6	49	0.00
6/29/2010 0:00	1	1.3	2.9	246	15.0	59.0	55	0.00
6/29/2010 1:00	14	1.5	3.4	246	14.2	57.6	56	0.00
6/29/2010 2:00	94	2.7	6.0	255	18.6	65.5	42	0.00
6/29/2010 3:00	66	1.9	4.3	237	19.9	67.8	39	0.00
6/29/2010 4:00	52	2.0	4.5	261	18.8	65.8	42	0.00
6/29/2010 5:00	91	2.1	4.7	219	19.0	66.2	46	0.00
6/29/2010 6:00	56	2.4	5.4	187	17.2	63.0	57	0.01
6/29/2010 7:00	42	2.4	5.4	175	17.5	63.5	56	0.00
6/29/2010 8:00	25	1.8	4.0	168	20.2	68.4	50	0.00
6/29/2010 9:00	50	1.8	4.0	169	21.6	70.9	46	0.00
6/29/2010 10:00	57	2.0	4.5	155	21.4	70.5	46	0.00
6/29/2010 11:00	58	1.7	3.8	218	21.8	71.2	45	0.00
6/29/2010 12:00	16	2.0	4.5	140	23.3	73.9	41	0.00
6/29/2010 13:00	29	0.8	1.8	200	26.3	79.3	33	0.00
6/29/2010 14:00	68	2.4	5.4	176	28.5	83.3	26	0.00
6/29/2010 15:00	326	5.2	11.6	227	26.2	79.2	29	0.01
6/29/2010 16:00	8	2.7	6.0	165	24.9	76.8	38	0.00
6/29/2010 17:00	43	4.3	9.6	145	27.5	81.5	30	0.00
6/29/2010 18:00	56	3.0	6.7	195	26.2	79.2	25	0.00
6/29/2010 19:00	49	4.3	9.6	148	23.6	74.5	34	0.00
6/29/2010 20:00	58	5.2	11.6	143	20.7	69.3	44	0.00
6/29/2010 21:00	35	3.1	6.9	155	19.9	67.8	46	0.00
6/29/2010 22:00	24	2.5	5.6	174	19.4	66.9	48	0.00
6/29/2010 23:00	12	1.7	3.8	195	18.5	65.3	51	0.00
6/30/2010 0:00	118	3.3	7.4	318	17.7	63.9	53	0.00
6/30/2010 1:00	25	2.6	5.8	328	13.7	56.7	69	0.00
6/30/2010 2:00	-5	1.5	3.4	310	12.3	54.1	81	0.01
6/30/2010 3:00	23	1.1	2.5	247	10.6	51.1	86	0.00
6/30/2010 4:00	2	0.8	1.8	184	9.2	48.6	90	0.00
6/30/2010 5:00	-2	0.9	2.0	195	8.9	48.0	91	0.00
6/30/2010 6:00	8	1.1	2.5	143	9.9	49.8	89	0.01
6/30/2010 7:00	3	1.4	3.1	277	10.9	51.6	89	0.00

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)	Precipitation Hourly (inches)
6/30/2010 8:00	37	1.6	3.6	264	12.1	53.8	85	0.00
6/30/2010 9:00	-5	0.8	1.8	355	14.2	57.6	72	0.00
6/30/2010 10:00	9	1.6	3.6	68	15.2	59.4	71	0.00
6/30/2010 11:00	12	1.5	3.4	15	16.6	61.9	66	0.00
6/30/2010 12:00	15	1.4	3.1	7	18.2	64.8	61	0.00
6/30/2010 13:00	13	1.7	3.8	11	19.6	67.3	58	0.00
6/30/2010 14:00	15	2.6	5.8	36	20.5	68.9	57	0.00
6/30/2010 15:00	31	4.8	10.7	28	20.6	69.1	57	0.00
6/30/2010 16:00	20	4.6	10.3	26	18.6	65.5	58	0.00
6/30/2010 17:00	9	3.9	8.7	23	19.0	66.2	58	0.00
6/30/2010 18:00	16	3.3	7.4	23	18.9	66.0	56	0.00
6/30/2010 19:00	16	2.9	6.5	24	19.4	66.9	54	0.00
6/30/2010 20:00	26	2.0	4.5	352	18.0	64.4	58	0.00
6/30/2010 21:00	14	1.0	2.2	322	16.3	61.3	65	0.00
6/30/2010 22:00	11	1.3	2.9	337	14.2	57.6	68	0.00
6/30/2010 23:00	13	1.4	3.1	245	12.5	54.5	73	0.00
7/1/2010 0:00	11	0.7	1.6	210	10.9	51.6	80	0.00

BA = Routine maintenance / repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
June 2010

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/1/2010 1:00	-5	1.1	2.5	187	8.0	46.4	89
6/1/2010 2:00	8	1.9	4.3	220	8.3	46.9	85
6/1/2010 3:00	-4	1.2	2.7	326	8.3	46.9	85
6/1/2010 4:00	2	0.8	1.8	221	7.5	45.5	88
6/1/2010 5:00	14	0.8	1.8	177	5.9	42.6	89
6/1/2010 6:00	-5	1.3	2.9	181	6.4	43.5	85
6/1/2010 7:00	5	1.3	2.9	179	8.6	47.5	77
6/1/2010 8:00	5	2.2	4.9	192	11.3	52.3	65
6/1/2010 9:00	0	1.8	4.0	190	13.3	55.9	55
6/1/2010 10:00	1	1.8	4.0	125	14.0	57.2	50
6/1/2010 11:00	9	2.1	4.7	123	15.4	59.7	47
6/1/2010 12:00	3	1.4	3.1	94	15.6	60.1	46
6/1/2010 13:00	-5	2.0	4.5	138	15.3	59.5	49
6/1/2010 14:00	16	2.8	6.3	353	16.9	62.4	48
6/1/2010 15:00	5	3.0	6.7	315	14.1	57.4	57
6/1/2010 16:00	-5	2.6	5.8	121	11.0	51.8	81
6/1/2010 17:00	6	1.2	2.7	160	14.4	57.9	59
6/1/2010 18:00	1	1.2	2.7	16	13.8	56.8	61
6/1/2010 19:00	-5	1.2	2.7	9	11.2	52.2	79
6/1/2010 20:00	7	1.0	2.2	1	10.6	51.1	80
6/1/2010 21:00	1	0.9	2.0	333	9.6	49.3	87
6/1/2010 22:00	-3	1.0	2.2	283	8.9	48.0	89
6/1/2010 23:00	7	0.6	1.3	234	8.5	47.3	90
6/2/2010 0:00	-5	0.9	2.0	201	8.1	46.6	90
6/2/2010 1:00	5	0.8	1.8	195	8.2	46.8	91
6/2/2010 2:00	1	1.2	2.7	190	8.5	47.3	89
6/2/2010 3:00	0	1.3	2.9	204	8.2	46.8	88
6/2/2010 4:00	3	1.2	2.7	200	7.3	45.1	88
6/2/2010 5:00	1	1.3	2.9	187	6.9	44.4	86
6/2/2010 6:00	-1	1.6	3.6	184	7.3	45.1	85
6/2/2010 7:00	9	1.9	4.3	188	10.2	50.4	76
6/2/2010 8:00	3	2.0	4.5	193	11.2	52.2	74
6/2/2010 9:00	-1	2.7	6.0	187	13.0	55.4	63
6/2/2010 10:00	16	4.1	9.2	189	15.7	60.3	53
6/2/2010 11:00	2	4.8	10.7	206	16.3	61.3	50
6/2/2010 12:00	3	3.9	8.7	190	16.4	61.5	52
6/2/2010 13:00	BA	5.1	11.4	208	15.9	60.6	55
6/2/2010 14:00	2	5.0	11.2	200	16.0	60.8	57
6/2/2010 15:00	5	5.2	11.6	197	16.4	61.5	55
6/2/2010 16:00	1	4.8	10.7	200	16.3	61.3	57
6/2/2010 17:00	5	4.2	9.4	180	16.8	62.2	57
6/2/2010 18:00	-5	3.2	7.2	207	16.1	61.0	58
6/2/2010 19:00	3	1.4	3.1	223	16.1	61.0	56
6/2/2010 20:00	0	1.3	2.9	206	14.8	58.6	62
6/2/2010 21:00	-5	3.6	8.1	194	14.1	57.4	63
6/2/2010 22:00	-2	3.7	8.3	193	13.2	55.8	69
6/2/2010 23:00	2	3.5	7.8	198	12.3	54.1	75
6/3/2010 0:00	-5	2.6	5.8	190	11.1	52.0	80
6/3/2010 1:00	9	1.5	3.4	204	11.1	52.0	78
6/3/2010 2:00	-5	3.1	6.9	264	10.4	50.7	73
6/3/2010 3:00	2	1.3	2.9	78	9.4	48.9	77
6/3/2010 4:00	-5	1.1	2.5	24	8.6	47.5	78
6/3/2010 5:00	12	0.8	1.8	260	6.1	43.0	87
6/3/2010 6:00	0	1.8	4.0	190	8.5	47.3	77
6/3/2010 7:00	3	2.0	4.5	211	9.7	49.5	71
6/3/2010 8:00	-2	3.5	7.8	249	10.2	50.4	65
6/3/2010 9:00	3	3.7	8.3	264	10.6	51.1	63
6/3/2010 10:00	0	3.7	8.3	266	12.0	53.6	55
6/3/2010 11:00	1	5.1	11.4	283	12.4	54.3	51
6/3/2010 12:00	-3	5.1	11.4	288	12.8	55.0	49
6/3/2010 13:00	-2	5.8	13.0	283	14.1	57.4	46
6/3/2010 14:00	12	5.2	11.6	284	16.4	61.5	39
6/3/2010 15:00	4	5.3	11.9	296	16.4	61.5	39
6/3/2010 16:00	-3	4.3	9.6	275	15.4	59.7	43
6/3/2010 17:00	10	5.1	11.4	284	16.2	61.2	43
6/3/2010 18:00	-5	4.2	9.4	274	14.9	58.8	46
6/3/2010 19:00	-5	4.3	9.6	274	13.8	56.8	47
6/3/2010 20:00	-4	3.6	8.1	279	12.3	54.1	51
6/3/2010 21:00	1	1.4	3.1	284	10.4	50.7	60
6/3/2010 22:00	4	2.3	5.1	272	10.2	50.4	62
6/3/2010 23:00	-5	0.9	2.0	217	8.4	47.1	69
6/4/2010 0:00	21	1.2	2.7	178	7.2	45.0	78
6/4/2010 1:00	-5	1.2	2.7	172	6.5	43.7	81
6/4/2010 2:00	5	1.4	3.1	199	7.5	45.5	77
6/4/2010 3:00	4	2.0	4.5	180	8.3	46.9	74
6/4/2010 4:00	-5	2.1	4.7	183	8.8	47.8	73
6/4/2010 5:00	14	2.0	4.5	172	8.8	47.8	74
6/4/2010 6:00	-5	1.9	4.3	180	9.2	48.6	70
6/4/2010 7:00	19	2.2	4.9	200	9.3	48.7	73
6/4/2010 8:00	-5	3.1	6.9	155	10.0	50.0	73

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/4/2010 9:00	1	3.1	6.9	158	10.1	50.2	76
6/4/2010 10:00	8	3.0	6.7	185	10.7	51.3	74
6/4/2010 11:00	-2	3.3	7.4	173	12.3	54.1	69
6/4/2010 12:00	9	4.4	9.8	190	15.1	59.2	58
6/4/2010 13:00	0	3.1	6.9	207	15.2	59.4	59
6/4/2010 14:00	1	2.9	6.5	283	15.5	59.9	57
6/4/2010 15:00	-1	3.0	6.7	228	14.6	58.3	55
6/4/2010 16:00	-2	3.9	8.7	244	13.9	57.0	52
6/4/2010 17:00	-2	2.3	5.1	208	12.6	54.7	61
6/4/2010 18:00	-5	2.9	6.5	186	13.4	56.1	58
6/4/2010 19:00	11	2.6	5.8	201	14.2	57.6	54
6/4/2010 20:00	-4	2.7	6.0	234	12.0	53.6	64
6/4/2010 21:00	-5	3.6	8.1	247	10.0	50.0	72
6/4/2010 22:00	-3	2.9	6.5	245	9.5	49.1	68
6/4/2010 23:00	2	1.8	4.0	237	9.4	48.9	67
6/5/2010 0:00	4	1.7	3.8	213	9.1	48.4	72
6/5/2010 1:00	-5	2.0	4.5	209	8.6	47.5	72
6/5/2010 2:00	-5	1.9	4.3	188	8.3	46.9	77
6/5/2010 3:00	3	1.6	3.6	188	8.5	47.3	74
6/5/2010 4:00	9	1.7	3.8	163	8.2	46.8	75
6/5/2010 5:00	-5	1.4	3.1	233	7.8	46.0	75
6/5/2010 6:00	12	1.0	2.2	292	6.6	43.9	82
6/5/2010 7:00	-5	1.0	2.2	261	9.1	48.4	71
6/5/2010 8:00	14	2.2	4.9	331	11.6	52.9	59
6/5/2010 9:00	-5	3.0	6.7	270	12.0	53.6	54
6/5/2010 10:00	0	4.8	10.7	274	13.3	55.9	50
6/5/2010 11:00	5	4.5	10.1	277	14.6	58.3	41
6/5/2010 12:00	3	3.9	8.7	280	15.9	60.6	36
6/5/2010 13:00	2	3.9	8.7	286	16.8	62.2	33
6/5/2010 14:00	9	3.8	8.5	279	17.8	64.0	31
6/5/2010 15:00	2	3.1	6.9	282	18.0	64.4	29
6/5/2010 16:00	10	2.8	6.3	295	18.6	65.5	26
6/5/2010 17:00	5	2.2	4.9	336	18.9	66.0	27
6/5/2010 18:00	2	1.8	4.0	31	17.8	64.0	32
6/5/2010 19:00	-4	1.6	3.6	20	16.0	60.8	37
6/5/2010 20:00	-5	1.1	2.5	54	13.5	56.3	43
6/5/2010 21:00	-3	1.1	2.5	74	12.4	54.3	43
6/5/2010 22:00	20	1.3	2.9	271	8.2	46.8	63
6/5/2010 23:00	-5	1.0	2.2	205	6.3	43.3	75
6/6/2010 0:00	25	1.1	2.5	154	7.1	44.8	73
6/6/2010 1:00	-5	1.3	2.9	157	6.7	44.1	74
6/6/2010 2:00	10	0.6	1.3	126	6.8	44.2	76
6/6/2010 3:00	-5	0.5	1.1	181	6.2	43.2	78
6/6/2010 4:00	17	1.0	2.2	163	6.3	43.3	77
6/6/2010 5:00	3	0.8	1.8	188	7.0	44.6	74
6/6/2010 6:00	6	0.9	2.0	182	7.4	45.3	73
6/6/2010 7:00	3	1.0	2.2	194	9.4	48.9	64
6/6/2010 8:00	7	1.1	2.5	208	12.1	53.8	50
6/6/2010 9:00	7	1.1	2.5	193	14.1	57.4	45
6/6/2010 10:00	16	1.5	3.4	168	16.3	61.3	41
6/6/2010 11:00	9	2.0	4.5	142	17.8	64.0	37
6/6/2010 12:00	-2	2.7	6.0	161	19.1	66.4	34
6/6/2010 13:00	6	2.8	6.3	157	19.7	67.5	35
6/6/2010 14:00	-5	3.6	8.1	199	19.3	66.7	41
6/6/2010 15:00	13	3.6	8.1	157	19.9	67.8	42
6/6/2010 16:00	-5	3.0	6.7	211	16.3	61.3	58
6/6/2010 17:00	16	2.4	5.4	172	17.1	62.8	55
6/6/2010 18:00	-5	3.2	7.2	158	14.0	57.2	71
6/6/2010 19:00	0	2.3	5.1	160	14.8	58.6	67
6/6/2010 20:00	5	3.2	7.2	184	15.0	59.0	61
6/6/2010 21:00	-5	2.6	5.8	88	12.4	54.3	79
6/6/2010 22:00	13	1.3	2.9	61	10.6	51.1	87
6/6/2010 23:00	-2	0.8	1.8	312	10.0	50.0	88
6/7/2010 0:00	2	0.7	1.6	162	9.5	49.1	91
6/7/2010 1:00	-1	1.3	2.9	191	9.8	49.6	91
6/7/2010 2:00	-4	2.3	5.1	204	10.0	50.0	89
6/7/2010 3:00	-2	1.8	4.0	212	9.9	49.8	88
6/7/2010 4:00	2	1.7	3.8	176	9.9	49.8	87
6/7/2010 5:00	3	2.1	4.7	184	10.1	50.2	82
6/7/2010 6:00	4	2.5	5.6	205	10.2	50.4	80
6/7/2010 7:00	14	2.4	5.4	200	11.0	51.8	77
6/7/2010 8:00	7	2.2	4.9	230	11.3	52.3	76
6/7/2010 9:00	2	1.9	4.3	237	11.1	52.0	76
6/7/2010 10:00	-2	2.3	5.1	159	13.3	55.9	65
6/7/2010 11:00	14	2.5	5.6	177	15.5	59.9	54
6/7/2010 12:00	5	3.2	7.2	198	15.4	59.7	55
6/7/2010 13:00	-5	2.5	5.6	40	14.1	57.4	63
6/7/2010 14:00	22	2.4	5.4	18	14.2	57.6	66
6/7/2010 15:00	-5	1.2	2.7	76	11.6	52.9	78
6/7/2010 16:00	5	1.6	3.6	360	13.5	56.3	66
6/7/2010 17:00	-2	1.2	2.7	330	13.9	57.0	57
6/7/2010 18:00	-5	2.9	6.5	298	11.7	53.1	61
6/7/2010 19:00	-5	2.0	4.5	323	11.7	53.1	59
6/7/2010 20:00	12	1.0	2.2	38	11.4	52.5	59
6/7/2010 21:00	-5	1.0	2.2	276	7.2	45.0	78
6/7/2010 22:00	2	0.7	1.6	203	5.4	41.7	83

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/7/2010 23:00	9	2.0	4.5	267	6.2	43.2	79
6/8/2010 0:00	0	1.2	2.7	319	6.3	43.3	77
6/8/2010 1:00	5	1.0	2.2	240	5.5	41.9	77
6/8/2010 2:00	-5	0.9	2.0	284	4.9	40.8	78
6/8/2010 3:00	7	0.7	1.6	195	1.9	35.4	89
6/8/2010 4:00	1	1.3	2.9	160	3.4	38.1	84
6/8/2010 5:00	-3	1.2	2.7	136	3.3	37.9	84
6/8/2010 6:00	-5	1.3	2.9	160	3.6	38.5	83
6/8/2010 7:00	7	2.3	5.1	183	6.8	44.2	72
6/8/2010 8:00	4	2.7	6.0	189	10.0	50.0	59
6/8/2010 9:00	7	2.4	5.4	183	12.4	54.3	48
6/8/2010 10:00	3	2.8	6.3	160	13.9	57.0	43
6/8/2010 11:00	3	2.6	5.8	128	14.9	58.8	39
6/8/2010 12:00	9	2.8	6.3	129	16.4	61.5	35
6/8/2010 13:00	-5	3.1	6.9	141	18.1	64.6	27
6/8/2010 14:00	5	2.4	5.4	140	19.5	67.1	24
6/8/2010 15:00	8	1.8	4.0	210	20.6	69.1	20
6/8/2010 16:00	-5	1.7	3.8	37	21.2	70.2	20
6/8/2010 17:00	9	1.7	3.8	17	21.1	70.0	23
6/8/2010 18:00	2	1.8	4.0	7	20.5	68.9	27
6/8/2010 19:00	-1	1.7	3.8	4	18.7	65.7	34
6/8/2010 20:00	-5	1.2	2.7	353	16.5	61.7	43
6/8/2010 21:00	-5	1.1	2.5	335	13.0	55.4	53
6/8/2010 22:00	1	0.6	1.3	250	9.6	49.3	64
6/8/2010 23:00	9	0.6	1.3	202	8.1	46.6	72
6/9/2010 0:00	12	1.0	2.2	150	7.8	46.0	75
6/9/2010 1:00	11	0.9	2.0	156	8.4	47.1	73
6/9/2010 2:00	-5	0.9	2.0	229	7.7	45.9	73
6/9/2010 3:00	8	1.1	2.5	194	8.4	47.1	70
6/9/2010 4:00	14	1.1	2.5	191	8.4	47.1	72
6/9/2010 5:00	3	1.0	2.2	254	8.9	48.0	67
6/9/2010 6:00	4	1.2	2.7	195	9.4	48.9	68
6/9/2010 7:00	17	1.3	2.9	144	11.1	52.0	63
6/9/2010 8:00	12	1.1	2.5	203	13.9	57.0	58
6/9/2010 9:00	12	2.6	5.8	178	16.8	62.2	45
6/9/2010 10:00	2	2.7	6.0	178	17.9	64.2	41
6/9/2010 11:00	2	1.9	4.3	197	17.2	63.0	46
6/9/2010 12:00	4	1.9	4.3	345	14.1	57.4	61
6/9/2010 13:00	0	1.5	3.4	14	12.9	55.2	61
6/9/2010 14:00	8	1.1	2.5	108	12.8	55.0	64
6/9/2010 15:00	9	1.6	3.6	189	15.4	59.7	53
6/9/2010 16:00	10	2.0	4.5	152	16.2	61.2	47
6/9/2010 17:00	5	2.3	5.1	155	17.9	64.2	42
6/9/2010 18:00	12	2.2	4.9	16	16.5	61.7	53
6/9/2010 19:00	-5	2.2	4.9	17	13.2	55.8	58
6/9/2010 20:00	-2	2.0	4.5	39	11.3	52.3	66
6/9/2010 21:00	-5	1.8	4.0	39	10.1	50.2	72
6/9/2010 22:00	10	1.4	3.1	4	9.2	48.6	80
6/9/2010 23:00	4	1.4	3.1	320	8.2	46.8	86
6/10/2010 0:00	8	0.9	2.0	74	7.8	46.0	87
6/10/2010 1:00	2	1.1	2.5	202	7.3	45.1	87
6/10/2010 2:00	-3	1.7	3.8	206	6.9	44.4	84
6/10/2010 3:00	10	1.5	3.4	212	6.5	43.7	86
6/10/2010 4:00	-3	0.9	2.0	177	5.4	41.7	86
6/10/2010 5:00	8	1.2	2.7	195	3.9	39.0	88
6/10/2010 6:00	0	1.0	2.2	208	4.4	39.9	86
6/10/2010 7:00	4	0.9	2.0	355	6.6	43.9	80
6/10/2010 8:00	5	1.0	2.2	25	7.9	46.2	77
6/10/2010 9:00	6	1.5	3.4	359	9.8	49.6	70
6/10/2010 10:00	-2	1.5	3.4	27	11.4	52.5	62
6/10/2010 11:00	12	1.8	4.0	32	13.5	56.3	53
6/10/2010 12:00	5	1.7	3.8	20	13.0	55.4	53
6/10/2010 13:00	-4	1.6	3.6	26	11.0	51.8	61
6/10/2010 14:00	-5	3.2	7.2	264	7.8	46.0	81
6/10/2010 15:00	-3	1.1	2.5	248	6.7	44.1	86
6/10/2010 16:00	19	0.9	2.0	142	7.4	45.3	83
6/10/2010 17:00	-5	1.3	2.9	234	7.6	45.7	82
6/10/2010 18:00	-1	2.0	4.5	198	7.8	46.0	79
6/10/2010 19:00	6	1.8	4.0	160	8.8	47.8	73
6/10/2010 20:00	-5	1.5	3.4	108	8.6	47.5	73
6/10/2010 21:00	1	0.8	1.8	73	7.8	46.0	79
6/10/2010 22:00	1	0.7	1.6	56	7.0	44.6	85
6/10/2010 23:00	14	0.9	2.0	352	6.6	43.9	88
6/11/2010 0:00	-5	1.0	2.2	66	5.3	41.5	86
6/11/2010 1:00	2	1.1	2.5	297	4.8	40.6	87
6/11/2010 2:00	-2	1.5	3.4	327	4.6	40.3	89
6/11/2010 3:00	1	2.3	5.1	330	4.1	39.4	88
6/11/2010 4:00	-5	1.5	3.4	337	3.7	38.7	88
6/11/2010 5:00	1	0.8	1.8	348	3.5	38.3	88
6/11/2010 6:00	10	0.4	0.9	38	3.4	38.1	87
6/11/2010 7:00	-2	0.5	1.1	25	3.6	38.5	86
6/11/2010 8:00	2	0.7	1.6	0	4.5	40.1	80
6/11/2010 9:00	-2	0.8	1.8	45	5.9	42.6	76
6/11/2010 10:00	10	1.1	2.5	177	7.6	45.7	70
6/11/2010 11:00	-5	1.2	2.7	134	9.2	48.6	64

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/11/2010 12:00	6	1.5	3.4	349	11.1	52.0	59
6/11/2010 13:00	-3	1.9	4.3	4	12.3	54.1	57
6/11/2010 14:00	-1	2.0	4.5	4	12.8	55.0	55
6/11/2010 15:00	2	2.2	4.9	360	13.4	56.1	52
6/11/2010 16:00	3	2.8	6.3	358	13.8	56.8	54
6/11/2010 17:00	0	3.6	8.1	346	12.3	54.1	59
6/11/2010 18:00	7	3.6	8.1	350	12.6	54.7	57
6/11/2010 19:00	5	3.1	6.9	349	11.9	53.4	56
6/11/2010 20:00	1	2.7	6.0	348	10.4	50.7	62
6/11/2010 21:00	-1	2.1	4.7	343	8.5	47.3	71
6/11/2010 22:00	10	1.1	2.5	354	7.8	46.0	73
6/11/2010 23:00	10	0.8	1.8	10	7.9	46.2	72
6/12/2010 0:00	17	0.4	0.9	77	6.3	43.3	76
6/12/2010 1:00	-5	0.6	1.3	296	3.0	37.4	85
6/12/2010 2:00	19	0.5	1.1	341	2.4	36.3	90
6/12/2010 3:00	-2	0.5	1.1	291	0.3	32.5	90
6/12/2010 4:00	10	0.6	1.3	146	0.1	32.2	90
6/12/2010 5:00	8	0.5	1.1	194	0.4	32.7	91
6/12/2010 6:00	5	0.6	1.3	305	0.1	32.2	91
6/12/2010 7:00	23	0.5	1.1	87	4.0	39.2	83
6/12/2010 8:00	-4	1.2	2.7	345	7.3	45.1	68
6/12/2010 9:00	4	1.7	3.8	4	9.9	49.8	63
6/12/2010 10:00	9	2.6	5.8	353	11.5	52.7	53
6/12/2010 11:00	5	3.0	6.7	352	12.8	55.0	50
6/12/2010 12:00	4	3.1	6.9	353	14.0	57.2	47
6/12/2010 13:00	10	3.3	7.4	353	14.9	58.8	43
6/12/2010 14:00	7	3.2	7.2	357	15.7	60.3	42
6/12/2010 15:00	6	3.5	7.8	353	16.3	61.3	39
6/12/2010 16:00	9	3.1	6.9	355	16.8	62.2	35
6/12/2010 17:00	9	2.7	6.0	358	17.0	62.6	33
6/12/2010 18:00	-5	2.7	6.0	353	16.7	62.1	33
6/12/2010 19:00	-4	2.7	6.0	349	15.9	60.6	35
6/12/2010 20:00	2	2.3	5.1	342	13.8	56.8	44
6/12/2010 21:00	3	1.7	3.8	348	9.6	49.3	61
6/12/2010 22:00	-4	0.8	1.8	7	7.8	46.0	68
6/12/2010 23:00	4	0.4	0.9	55	6.1	43.0	75
6/13/2010 0:00	27	1.0	2.2	159	4.9	40.8	84
6/13/2010 1:00	-5	0.9	2.0	142	3.6	38.5	85
6/13/2010 2:00	18	1.1	2.5	183	2.8	37.0	83
6/13/2010 3:00	-4	1.1	2.5	152	2.4	36.3	84
6/13/2010 4:00	5	1.2	2.7	173	2.1	35.8	85
6/13/2010 5:00	7	1.5	3.4	191	2.0	35.6	84
6/13/2010 6:00	2	1.3	2.9	172	2.3	36.1	84
6/13/2010 7:00	20	2.0	4.5	170	5.6	42.1	73
6/13/2010 8:00	1	1.9	4.3	182	9.4	48.9	59
6/13/2010 9:00	15	1.0	2.2	19	12.5	54.5	49
6/13/2010 10:00	2	1.3	2.9	35	14.3	57.7	44
6/13/2010 11:00	9	1.5	3.4	0	15.5	59.9	35
6/13/2010 12:00	4	1.7	3.8	5	16.6	61.9	37
6/13/2010 13:00	7	1.8	4.0	12	18.2	64.8	37
6/13/2010 14:00	4	1.9	4.3	1	19.7	67.5	31
6/13/2010 15:00	37	2.0	4.5	0	21.3	70.3	22
6/13/2010 16:00	3	1.8	4.0	13	22.3	72.1	18
6/13/2010 17:00	3	1.5	3.4	35	22.8	73.0	20
6/13/2010 18:00	3	1.3	2.9	21	23.0	73.4	17
6/13/2010 19:00	-3	1.0	2.2	13	22.5	72.5	21
6/13/2010 20:00	12	0.7	1.6	317	20.6	69.1	31
6/13/2010 21:00	-5	1.3	2.9	247	12.4	54.3	62
6/13/2010 22:00	-5	1.3	2.9	163	11.5	52.7	56
6/13/2010 23:00	6	1.9	4.3	171	9.5	49.1	61
6/14/2010 0:00	16	1.6	3.6	174	8.7	47.7	61
6/14/2010 1:00	6	1.5	3.4	165	7.6	45.7	64
6/14/2010 2:00	5	1.6	3.6	174	7.3	45.1	65
6/14/2010 3:00	0	1.4	3.1	159	6.7	44.1	70
6/14/2010 4:00	8	0.9	2.0	243	4.5	40.1	76
6/14/2010 5:00	20	0.9	2.0	195	4.2	39.6	81
6/14/2010 6:00	4	1.0	2.2	194	5.6	42.1	76
6/14/2010 7:00	0	1.2	2.7	195	10.4	50.7	58
6/14/2010 8:00	10	1.0	2.2	205	14.2	57.6	46
6/14/2010 9:00	22	1.0	2.2	36	16.7	62.1	44
6/14/2010 10:00	9	1.4	3.1	15	18.4	65.1	43
6/14/2010 11:00	8	1.6	3.6	24	20.1	68.2	39
6/14/2010 12:00	14	1.6	3.6	21	20.8	69.4	35
6/14/2010 13:00	7	1.7	3.8	20	21.9	71.4	32
6/14/2010 14:00	5	1.7	3.8	13	22.6	72.7	31
6/14/2010 15:00	10	1.6	3.6	4	23.6	74.5	28
6/14/2010 16:00	7	1.8	4.0	349	23.8	74.8	28
6/14/2010 17:00	5	1.6	3.6	359	23.8	74.8	29
6/14/2010 18:00	-5	1.6	3.6	0	22.7	72.9	31
6/14/2010 19:00	26	1.3	2.9	354	21.0	69.8	40
6/14/2010 20:00	9	0.7	1.6	351	17.8	64.0	51
6/14/2010 21:00	10	1.1	2.5	360	14.4	57.9	61
6/14/2010 22:00	-1	1.1	2.5	93	15.6	60.1	52
6/14/2010 23:00	49	1.8	4.0	47	13.2	55.8	70
6/15/2010 0:00	32	1.5	3.4	40	11.5	52.7	74

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/15/2010 1:00	41	1.6	3.6	296	9.1	48.4	85
6/15/2010 2:00	-5	1.4	3.1	263	9.2	48.6	87
6/15/2010 3:00	14	0.7	1.6	132	9.8	49.6	86
6/15/2010 4:00	4	0.7	1.6	10	9.9	49.8	88
6/15/2010 5:00	2	1.6	3.6	297	9.1	48.4	88
6/15/2010 6:00	-3	1.4	3.1	164	8.9	48.0	87
6/15/2010 7:00	5	1.1	2.5	225	9.0	48.2	86
6/15/2010 8:00	7	1.5	3.4	243	10.6	51.1	80
6/15/2010 9:00	-5	1.7	3.8	223	11.2	52.2	80
6/15/2010 10:00	20	2.2	4.9	182	13.2	55.8	75
6/15/2010 11:00	3	3.2	7.2	160	14.2	57.6	69
6/15/2010 12:00	4	3.0	6.7	161	14.9	58.8	63
6/15/2010 13:00	-5	2.7	6.0	143	13.0	55.4	74
6/15/2010 14:00	13	2.9	6.5	168	14.6	58.3	69
6/15/2010 15:00	1	1.9	4.3	68	15.0	59.0	64
6/15/2010 16:00	7	1.9	4.3	172	16.8	62.2	53
6/15/2010 17:00	AN	AN	AN	AN	AN	AN	AN
6/15/2010 18:00	4	1.4	3.1	101	10.8	51.4	87
6/15/2010 19:00	9	1.6	3.6	299	11.3	52.3	87
6/15/2010 20:00	0	1.1	2.5	27	10.8	51.4	86
6/15/2010 21:00	4	1.3	2.9	155	10.5	50.9	89
6/15/2010 22:00	6	0.9	2.0	266	9.1	48.4	91
6/15/2010 23:00	-2	0.9	2.0	165	7.8	46.0	92
6/16/2010 0:00	4	0.9	2.0	188	8.1	46.6	92
6/16/2010 1:00	1	0.6	1.3	27	7.8	46.0	92
6/16/2010 2:00	8	0.4	0.9	252	8.3	46.9	92
6/16/2010 3:00	-5	0.8	1.8	275	8.3	46.9	92
6/16/2010 4:00	6	0.8	1.8	264	8.6	47.5	93
6/16/2010 5:00	3	2.0	4.5	303	8.8	47.8	93
6/16/2010 6:00	2	1.5	3.4	46	8.3	46.9	91
6/16/2010 7:00	-5	2.0	4.5	262	8.4	47.1	91
6/16/2010 8:00	3	1.0	2.2	182	8.1	46.6	91
6/16/2010 9:00	5	1.3	2.9	125	9.1	48.4	88
6/16/2010 10:00	1	2.0	4.5	149	11.5	52.7	75
6/16/2010 11:00	4	1.5	3.4	114	11.7	53.1	71
6/16/2010 12:00	-3	1.4	3.1	18	10.6	51.1	81
6/16/2010 13:00	-2	1.2	2.7	15	10.0	50.0	85
6/16/2010 14:00	-3	1.0	2.2	14	9.5	49.1	88
6/16/2010 15:00	0	1.2	2.7	339	9.2	48.6	89
6/16/2010 16:00	18	0.8	1.8	112	9.5	49.1	88
6/16/2010 17:00	6	0.8	1.8	264	9.2	48.6	87
6/16/2010 18:00	-4	1.4	3.1	208	7.7	45.9	87
6/16/2010 19:00	6	1.2	2.7	99	7.5	45.5	89
6/16/2010 20:00	1	1.0	2.2	95	7.4	45.3	89
6/16/2010 21:00	8	0.6	1.3	60	7.2	45.0	88
6/16/2010 22:00	-3	0.8	1.8	32	7.1	44.8	87
6/16/2010 23:00	2	0.9	2.0	35	6.6	43.9	87
6/17/2010 0:00	-5	0.8	1.8	61	6.0	42.8	89
6/17/2010 1:00	0	0.7	1.6	43	5.9	42.6	88
6/17/2010 2:00	-5	0.9	2.0	65	5.8	42.4	86
6/17/2010 3:00	3	1.7	3.8	228	4.7	40.5	87
6/17/2010 4:00	-2	3.0	6.7	214	4.3	39.7	82
6/17/2010 5:00	3	4.1	9.2	255	4.6	40.3	76
6/17/2010 6:00	15	1.3	2.9	277	4.5	40.1	80
6/17/2010 7:00	-5	2.1	4.7	273	5.2	41.4	75
6/17/2010 8:00	1	2.5	5.6	280	5.8	42.4	73
6/17/2010 9:00	-5	4.0	8.9	257	6.5	43.7	67
6/17/2010 10:00	10	5.3	11.9	255	6.4	43.5	67
6/17/2010 11:00	-2	5.3	11.9	262	7.0	44.6	66
6/17/2010 12:00	7	5.7	12.8	276	7.9	46.2	61
6/17/2010 13:00	1	4.4	9.8	270	8.3	46.9	60
6/17/2010 14:00	0	5.7	12.8	289	8.0	46.4	61
6/17/2010 15:00	0	5.2	11.6	291	8.5	47.3	59
6/17/2010 16:00	4	5.8	13.0	297	8.5	47.3	59
6/17/2010 17:00	0	4.6	10.3	291	8.5	47.3	60
6/17/2010 18:00	-1	4.8	10.7	296	8.4	47.1	61
6/17/2010 19:00	-2	4.4	9.8	291	8.3	46.9	60
6/17/2010 20:00	1	3.8	8.5	265	7.7	45.9	64
6/17/2010 21:00	9	4.1	9.2	260	7.2	45.0	65
6/17/2010 22:00	-5	1.3	2.9	293	6.3	43.3	75
6/17/2010 23:00	2	0.7	1.6	298	5.2	41.4	82
6/18/2010 0:00	61	0.7	1.6	238	3.5	38.3	87
6/18/2010 1:00	-5	1.1	2.5	172	4.7	40.5	75
6/18/2010 2:00	29	1.9	4.3	203	5.7	42.3	69
6/18/2010 3:00	8	1.8	4.0	204	5.9	42.6	69
6/18/2010 4:00	-5	1.5	3.4	208	6.2	43.2	69
6/18/2010 5:00	-5	1.7	3.8	191	5.9	42.6	71
6/18/2010 6:00	6	1.7	3.8	237	5.5	41.9	71
6/18/2010 7:00	1	1.0	2.2	357	6.8	44.2	75
6/18/2010 8:00	-5	1.1	2.5	65	9.5	49.1	61
6/18/2010 9:00	7	2.6	5.8	216	11.7	53.1	48
6/18/2010 10:00	5	2.5	5.6	248	12.6	54.7	45
6/18/2010 11:00	6	1.4	3.1	331	13.3	55.9	46
6/18/2010 12:00	9	1.5	3.4	18	14.6	58.3	44
6/18/2010 13:00	2	1.8	4.0	2	15.3	59.5	45
6/18/2010 14:00	-1	1.9	4.3	357	15.9	60.6	46

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/18/2010 14:00	-1	1.9	4.3	357	15.9	60.6	46
6/18/2010 15:00	BA	BA	BA	BA	16.7	62.1	44
6/18/2010 16:00	26	1.9	4.3	356	17.2	63.0	44
6/18/2010 17:00	5	1.9	4.3	359	17.6	63.7	43
6/18/2010 18:00	3	1.6	3.6	4	17.3	63.1	43
6/18/2010 19:00	0	1.5	3.4	1	16.9	62.4	44
6/18/2010 20:00	-4	1.2	2.7	353	15.2	59.4	54
6/18/2010 21:00	5	0.7	1.6	323	10.2	50.4	74
6/18/2010 22:00	-5	0.7	1.6	298	7.7	45.9	83
6/18/2010 23:00	9	0.5	1.1	268	6.0	42.8	88
6/19/2010 0:00	2	0.7	1.6	183	5.6	42.1	89
6/19/2010 1:00	24	0.8	1.8	164	6.3	43.3	87
6/19/2010 2:00	-3	0.5	1.1	164	4.7	40.5	90
6/19/2010 3:00	0	1.1	2.5	183	5.0	41.0	88
6/19/2010 4:00	9	0.9	2.0	195	5.0	41.0	87
6/19/2010 5:00	3	1.5	3.4	200	5.0	41.0	87
6/19/2010 6:00	5	1.5	3.4	209	5.3	41.5	87
6/19/2010 7:00	5	1.3	2.9	206	8.6	47.5	73
6/19/2010 8:00	1	1.0	2.2	284	11.3	52.3	65
6/19/2010 9:00	13	1.0	2.2	20	13.1	55.6	62
6/19/2010 10:00	2	1.0	2.2	37	15.0	59.0	57
6/19/2010 11:00	8	1.3	2.9	320	18.0	64.4	48
6/19/2010 12:00	21	1.8	4.0	355	19.1	66.4	49
6/19/2010 13:00	-5	1.8	4.0	350	16.5	61.7	62
6/19/2010 14:00	16	2.8	6.3	344	16.9	62.4	60
6/19/2010 15:00	12	2.0	4.5	12	19.3	66.7	47
6/19/2010 16:00	6	2.7	6.0	345	20.0	68.0	39
6/19/2010 17:00	2	2.7	6.0	343	19.4	66.9	42
6/19/2010 18:00	5	3.0	6.7	252	15.2	59.4	59
6/19/2010 19:00	-5	1.9	4.3	25	12.9	55.2	73
6/19/2010 20:00	7	1.0	2.2	89	13.2	55.8	68
6/19/2010 21:00	-5	0.7	1.6	227	9.8	49.6	83
6/19/2010 22:00	4	0.7	1.6	355	8.7	47.7	88
6/19/2010 23:00	5	0.8	1.8	160	8.2	46.8	90
6/20/2010 0:00	29	0.9	2.0	159	9.1	48.4	88
6/20/2010 1:00	-5	0.6	1.3	294	7.3	45.1	90
6/20/2010 2:00	5	0.7	1.6	339	6.4	43.5	92
6/20/2010 3:00	-2	0.9	2.0	259	4.8	40.6	91
6/20/2010 4:00	19	0.6	1.3	297	5.1	41.2	92
6/20/2010 5:00	-3	0.7	1.6	132	4.3	39.7	92
6/20/2010 6:00	-3	0.7	1.6	190	5.4	41.7	92
6/20/2010 7:00	13	1.2	2.7	196	9.0	48.2	80
6/20/2010 8:00	1	1.5	3.4	198	12.2	54.0	69
6/20/2010 9:00	7	0.9	2.0	10	14.6	58.3	61
6/20/2010 10:00	11	1.1	2.5	345	16.2	61.2	57
6/20/2010 11:00	4	1.1	2.5	21	17.3	63.1	55
6/20/2010 12:00	18	1.2	2.7	12	18.0	64.4	52
6/20/2010 13:00	-5	0.9	2.0	328	16.8	62.2	60
6/20/2010 14:00	17	4.0	8.9	238	14.7	58.5	64
6/20/2010 15:00	-5	2.9	6.5	208	12.0	53.6	75
6/20/2010 16:00	1	2.8	6.3	233	15.4	59.7	58
6/20/2010 17:00	22	3.5	7.8	213	16.1	61.0	54
6/20/2010 18:00	-2	2.8	6.3	205	13.9	57.0	62
6/20/2010 19:00	4	3.7	8.3	204	13.3	55.9	62
6/20/2010 20:00	2	1.9	4.3	154	11.0	51.8	77
6/20/2010 21:00	-5	1.7	3.8	183	10.1	50.2	79
6/20/2010 22:00	13	2.5	5.6	164	10.6	51.1	75
6/20/2010 23:00	-1	2.2	4.9	193	10.9	51.6	70
6/21/2010 0:00	6	2.1	4.7	192	9.0	48.2	81
6/21/2010 1:00	13	2.3	5.1	195	8.8	47.8	80
6/21/2010 2:00	-5	2.4	5.4	192	8.8	47.8	76
6/21/2010 3:00	0	1.7	3.8	169	7.4	45.3	82
6/21/2010 4:00	-5	1.4	3.1	251	6.1	43.0	85
6/21/2010 5:00	25	1.5	3.4	226	5.5	41.9	84
6/21/2010 6:00	-5	1.8	4.0	205	7.7	45.9	76
6/21/2010 7:00	7	2.0	4.5	189	9.1	48.4	73
6/21/2010 8:00	-5	4.3	9.6	206	10.2	50.4	66
6/21/2010 9:00	11	4.8	10.7	199	13.0	55.4	55
6/21/2010 10:00	3	4.3	9.6	205	15.0	59.0	47
6/21/2010 11:00	7	4.1	9.2	210	15.5	59.9	46
6/21/2010 12:00	2	4.1	9.2	210	15.9	60.6	45
6/21/2010 13:00	54	2.4	5.4	218	16.9	62.4	42
6/21/2010 14:00	-5	3.0	6.7	265	18.5	65.3	39
6/21/2010 15:00	6	3.7	8.3	270	19.1	66.4	38
6/21/2010 16:00	-2	2.9	6.5	311	18.7	65.7	42
6/21/2010 17:00	0	1.5	3.4	28	17.6	63.7	48
6/21/2010 18:00	3	1.8	4.0	35	17.6	63.7	49
6/21/2010 19:00	-5	1.5	3.4	31	15.8	60.4	54
6/21/2010 20:00	8	1.0	2.2	36	14.6	58.3	58
6/21/2010 21:00	-3	0.8	1.8	25	11.7	53.1	68
6/21/2010 22:00	-5	1.1	2.5	331	9.6	49.3	75
6/21/2010 23:00	13	0.8	1.8	357	9.3	48.7	75
6/22/2010 0:00	26	1.1	2.5	311	6.8	44.2	84
6/22/2010 1:00	8	0.9	2.0	312	5.2	41.4	88
6/22/2010 2:00	-5	0.5	1.1	297	3.6	38.5	91

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/22/2010 3:00	0	0.5	1.1	183	3.7	38.7	91
6/22/2010 4:00	26	1.0	2.2	203	3.9	39.0	92
6/22/2010 5:00	-3	0.8	1.8	147	3.7	38.7	92
6/22/2010 6:00	-5	1.1	2.5	164	4.4	39.9	92
6/22/2010 7:00	16	1.3	2.9	185	8.7	47.7	75
6/22/2010 8:00	0	0.9	2.0	273	12.2	54.0	61
6/22/2010 9:00	15	1.3	2.9	10	13.8	56.8	59
6/22/2010 10:00	-5	1.4	3.1	20	14.5	58.1	56
6/22/2010 11:00	14	1.5	3.4	350	16.2	61.2	49
6/22/2010 12:00	2	1.6	3.6	1	17.1	62.8	50
6/22/2010 13:00	8	1.9	4.3	359	17.8	64.0	48
6/22/2010 14:00	2	1.8	4.0	340	18.2	64.8	45
6/22/2010 15:00	11	2.6	5.8	343	18.2	64.8	48
6/22/2010 16:00	-2	1.4	3.1	350	17.5	63.5	49
6/22/2010 17:00	4	1.8	4.0	352	19.6	67.3	40
6/22/2010 18:00	-5	1.7	3.8	356	17.9	64.2	46
6/22/2010 19:00	15	1.8	4.0	3	18.4	65.1	47
6/22/2010 20:00	3	1.1	2.5	12	16.2	61.2	53
6/22/2010 21:00	2	0.7	1.6	313	12.1	53.8	71
6/22/2010 22:00	-5	0.6	1.3	183	8.8	47.8	85
6/22/2010 23:00	-5	1.2	2.7	158	9.0	48.2	84
6/23/2010 0:00	29	1.4	3.1	157	8.3	46.9	84
6/23/2010 1:00	6	1.0	2.2	165	7.8	46.0	85
6/23/2010 2:00	0	1.2	2.7	165	6.9	44.4	87
6/23/2010 3:00	9	1.1	2.5	185	6.7	44.1	86
6/23/2010 4:00	7	1.2	2.7	162	6.3	43.3	87
6/23/2010 5:00	-5	1.3	2.9	190	5.8	42.4	88
6/23/2010 6:00	-3	1.5	3.4	191	6.8	44.2	84
6/23/2010 7:00	19	1.9	4.3	185	10.2	50.4	72
6/23/2010 8:00	5	2.1	4.7	192	13.9	57.0	60
6/23/2010 9:00	17	1.9	4.3	177	17.6	63.7	51
6/23/2010 10:00	14	2.6	5.8	199	19.4	66.9	44
6/23/2010 11:00	1	1.9	4.3	180	21.0	69.8	39
6/23/2010 12:00	4	2.5	5.6	201	22.5	72.5	35
6/23/2010 13:00	8	2.4	5.4	198	23.4	74.1	32
6/23/2010 14:00	7	3.0	6.7	194	24.2	75.6	29
6/23/2010 15:00	-2	3.4	7.6	193	25.1	77.2	23
6/23/2010 16:00	10	3.0	6.7	144	24.8	76.6	24
6/23/2010 17:00	-2	1.6	3.6	170	23.0	73.4	34
6/23/2010 18:00	-5	2.4	5.4	287	20.9	69.6	41
6/23/2010 19:00	23	1.3	2.9	343	22.4	72.3	38
6/23/2010 20:00	-1	0.9	2.0	20	18.0	64.4	62
6/23/2010 21:00	3	0.7	1.6	50	16.7	62.1	57
6/23/2010 22:00	3	1.1	2.5	275	11.5	52.7	75
6/23/2010 23:00	6	1.1	2.5	146	11.9	53.4	76
6/24/2010 0:00	-5	1.2	2.7	186	11.4	52.5	76
6/24/2010 1:00	26	1.3	2.9	172	10.5	50.9	78
6/24/2010 2:00	-5	1.6	3.6	167	11.1	52.0	77
6/24/2010 3:00	12	1.5	3.4	228	10.6	51.1	77
6/24/2010 4:00	10	1.0	2.2	277	11.9	53.4	74
6/24/2010 5:00	6	1.0	2.2	51	11.4	52.5	76
6/24/2010 6:00	14	1.0	2.2	285	10.0	50.0	81
6/24/2010 7:00	3	0.9	2.0	142	12.1	53.8	74
6/24/2010 8:00	6	1.4	3.1	183	14.0	57.2	68
6/24/2010 9:00	11	1.9	4.3	193	15.6	60.1	62
6/24/2010 10:00	5	2.0	4.5	187	18.0	64.4	53
6/24/2010 11:00	17	1.7	3.8	200	21.0	69.8	41
6/24/2010 12:00	8	1.3	2.9	231	22.6	72.7	36
6/24/2010 13:00	14	2.1	4.7	132	23.0	73.4	37
6/24/2010 14:00	4	2.6	5.8	195	23.4	74.1	33
6/24/2010 15:00	11	2.8	6.3	260	23.8	74.8	30
6/24/2010 16:00	-2	3.5	7.8	241	23.6	74.5	30
6/24/2010 17:00	6	1.9	4.3	209	24.2	75.6	30
6/24/2010 18:00	2	1.6	3.6	178	22.6	72.7	36
6/24/2010 19:00	-5	2.1	4.7	191	21.2	70.2	40
6/24/2010 20:00	3	2.6	5.8	240	20.2	68.4	41
6/24/2010 21:00	0	2.3	5.1	151	18.4	65.1	51
6/24/2010 22:00	33	1.3	2.9	181	16.5	61.7	59
6/24/2010 23:00	9	1.4	3.1	183	14.6	58.3	68
6/25/2010 0:00	14	2.0	4.5	203	13.8	56.8	74
6/25/2010 1:00	-2	1.8	4.0	189	13.6	56.5	75
6/25/2010 2:00	13	1.8	4.0	186	12.7	54.9	78
6/25/2010 3:00	6	2.1	4.7	202	12.4	54.3	79
6/25/2010 4:00	16	1.5	3.4	195	12.7	54.9	77
6/25/2010 5:00	10	1.1	2.5	201	11.7	53.1	79
6/25/2010 6:00	6	1.4	3.1	194	12.0	53.6	74
6/25/2010 7:00	-1	1.3	2.9	210	13.4	56.1	69
6/25/2010 8:00	5	1.6	3.6	211	15.4	59.7	62
6/25/2010 9:00	12	1.4	3.1	232	17.5	63.5	59
6/25/2010 10:00	9	2.1	4.7	139	22.1	71.8	40
6/25/2010 12:00	-1	1.2	2.7	107	22.3	72.1	37
6/25/2010 13:00	7	2.5	5.6	351	21.6	70.9	49
6/25/2010 14:00	20	2.5	5.6	337	20.7	69.3	49
6/25/2010 15:00	-5	2.9	6.5	228	18.4	65.1	60
6/25/2010 16:00	8	2.1	4.7	211	18.7	65.7	56
6/25/2010 17:00	-5	2.9	6.5	222	15.6	60.1	72

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/25/2010 18:00	21	2.3	5.1	193	16.3	61.3	68
6/25/2010 19:00	10	2.8	6.3	248	16.0	60.8	61
6/25/2010 20:00	-2	1.9	4.3	253	14.9	58.8	65
6/25/2010 21:00	2	1.9	4.3	248	14.5	58.1	66
6/25/2010 22:00	17	1.5	3.4	186	14.0	57.2	76
6/25/2010 23:00	-5	1.8	4.0	182	13.6	56.5	81
6/26/2010 0:00	3	2.3	5.1	185	13.8	56.8	78
6/26/2010 1:00	10	2.3	5.1	181	13.9	57.0	73
6/26/2010 2:00	6	1.5	3.4	192	13.5	56.3	74
6/26/2010 3:00	-5	1.9	4.3	212	11.9	53.4	77
6/26/2010 4:00	5	1.7	3.8	182	11.2	52.2	78
6/26/2010 5:00	8	1.1	2.5	197	9.4	48.9	81
6/26/2010 6:00	21	1.7	3.8	169	9.9	49.8	79
6/26/2010 7:00	-5	3.3	7.4	202	13.5	56.3	65
6/26/2010 8:00	5	2.2	4.9	211	16.3	61.3	54
6/26/2010 9:00	17	1.7	3.8	171	18.0	64.4	48
6/26/2010 10:00	-2	1.6	3.6	117	18.9	66.0	43
6/26/2010 11:00	8	1.7	3.8	99	19.9	67.8	38
6/26/2010 12:00	10	2.9	6.5	276	21.8	71.2	33
6/26/2010 13:00	8	3.7	8.3	277	22.4	72.3	31
6/26/2010 14:00	3	4.2	9.4	292	22.8	73.0	31
6/26/2010 15:00	4	3.9	8.7	276	23.5	74.3	30
6/26/2010 16:00	8	4.0	8.9	264	23.2	73.8	27
6/26/2010 17:00	-4	3.9	8.7	274	22.5	72.5	31
6/26/2010 18:00	3	3.7	8.3	280	22.7	72.9	30
6/26/2010 19:00	-2	3.4	7.6	291	21.6	70.9	31
6/26/2010 20:00	4	2.2	4.9	279	19.4	66.9	35
6/26/2010 21:00	-5	1.3	2.9	266	14.2	57.6	55
6/26/2010 22:00	-5	0.9	2.0	239	10.8	51.4	67
6/26/2010 23:00	-1	0.8	1.8	160	10.9	51.6	65
6/27/2010 0:00	24	0.8	1.8	118	9.5	49.1	74
6/27/2010 1:00	10	0.9	2.0	232	7.7	45.9	80
6/27/2010 2:00	8	0.7	1.6	85	6.8	44.2	79
6/27/2010 3:00	-5	0.6	1.3	72	6.1	43.0	80
6/27/2010 4:00	17	0.6	1.3	116	5.8	42.4	82
6/27/2010 5:00	-5	0.9	2.0	161	6.1	43.0	82
6/27/2010 6:00	-4	1.3	2.9	168	7.2	45.0	79
6/27/2010 7:00	20	1.9	4.3	199	11.6	52.9	64
6/27/2010 8:00	4	1.8	4.0	188	15.6	60.1	51
6/27/2010 9:00	4	1.8	4.0	176	18.6	65.5	42
6/27/2010 10:00	15	1.9	4.3	161	20.0	68.0	36
6/27/2010 11:00	3	1.9	4.3	106	20.6	69.1	35
6/27/2010 12:00	4	1.5	3.4	76	21.6	70.9	34
6/27/2010 13:00	4	1.8	4.0	4	22.5	72.5	35
6/27/2010 14:00	8	2.0	4.5	353	22.9	73.2	35
6/27/2010 15:00	3	1.8	4.0	357	23.8	74.8	34
6/27/2010 16:00	10	1.7	3.8	358	24.4	75.9	33
6/27/2010 17:00	7	1.6	3.6	360	24.5	76.1	32
6/27/2010 18:00	3	1.6	3.6	355	24.4	75.9	32
6/27/2010 19:00	-5	1.6	3.6	350	23.4	74.1	36
6/27/2010 20:00	-1	1.3	2.9	344	21.1	70.0	46
6/27/2010 21:00	3	0.6	1.3	301	15.3	59.5	71
6/27/2010 22:00	-5	0.5	1.1	170	12.3	54.1	80
6/27/2010 23:00	-1	1.0	2.2	146	11.8	53.2	80
6/28/2010 0:00	9	1.3	2.9	153	11.2	52.2	77
6/28/2010 1:00	10	1.1	2.5	167	10.2	50.4	80
6/28/2010 2:00	4	0.9	2.0	199	9.7	49.5	80
6/28/2010 3:00	5	1.1	2.5	173	9.4	48.9	78
6/28/2010 4:00	-2	1.4	3.1	160	9.0	48.2	79
6/28/2010 5:00	10	1.5	3.4	178	8.5	47.3	79
6/28/2010 6:00	0	1.9	4.3	191	8.9	48.0	76
6/28/2010 7:00	17	2.1	4.7	189	12.1	53.8	64
6/28/2010 8:00	13	2.0	4.5	184	16.4	61.5	52
6/28/2010 9:00	18	2.0	4.5	183	20.2	68.4	41
6/28/2010 10:00	8	1.9	4.3	185	23.2	73.8	32
6/28/2010 11:00	12	2.2	4.9	191	25.1	77.2	26
6/28/2010 12:00	13	1.7	3.8	166	26.2	79.2	22
6/28/2010 13:00	1	2.3	5.1	136	27.0	80.6	22
6/28/2010 14:00	6	2.8	6.3	177	28.3	82.9	18
6/28/2010 15:00	3	3.1	6.9	198	29.1	84.4	16
6/28/2010 16:00	-1	3.2	7.2	217	29.6	85.3	14
6/28/2010 17:00	-2	2.6	5.8	222	29.7	85.5	14
6/28/2010 18:00	-5	3.4	7.6	211	29.4	84.9	13
6/28/2010 19:00	3	2.4	5.4	225	28.2	82.8	17
6/28/2010 20:00	3	1.0	2.2	153	26.0	78.8	30
6/28/2010 21:00	-5	0.9	2.0	150	19.8	67.6	53
6/28/2010 22:00	-2	1.2	2.7	239	16.3	61.3	57
6/28/2010 23:00	2	0.6	1.3	158	13.5	56.3	67
6/29/2010 0:00	25	0.9	2.0	191	12.8	55.0	73
6/29/2010 1:00	14	1.1	2.5	160	14.7	58.5	63
6/29/2010 2:00	0	1.3	2.9	203	15.9	60.6	56
6/29/2010 3:00	17	0.7	1.6	103	17.5	63.5	54
6/29/2010 4:00	8	2.3	5.1	260	18.5	65.3	51
6/29/2010 5:00	19	2.1	4.7	40	19.8	67.6	48
6/29/2010 6:00	5	1.9	4.3	188	18.4	65.1	55

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
6/29/2010 7:00	10	1.2	2.7	222	18.7	65.7	58
6/29/2010 8:00	8	2.0	4.5	179	21.0	69.8	47
6/29/2010 9:00	24	2.1	4.7	191	22.9	73.2	42
6/29/2010 10:00	-1	2.1	4.7	181	22.1	71.8	44
6/29/2010 11:00	6	2.4	5.4	204	22.8	73.0	40
6/29/2010 12:00	10	1.4	3.1	195	23.5	74.3	42
6/29/2010 13:00	6	1.9	4.3	184	25.0	77.0	38
6/29/2010 14:00	12	3.9	8.7	154	26.8	80.2	32
6/29/2010 15:00	146	6.6	14.8	215	27.5	81.5	25
6/29/2010 16:00	-5	4.1	9.2	178	23.7	74.7	37
6/29/2010 17:00	-2	3.1	6.9	159	25.3	77.5	34
6/29/2010 18:00	16	4.6	10.3	193	25.7	78.3	28
6/29/2010 19:00	78	5.3	11.9	148	23.4	74.1	37
6/29/2010 20:00	12	6.9	15.4	146	21.9	71.4	43
6/29/2010 21:00	6	3.6	8.1	159	20.8	69.4	47
6/29/2010 22:00	-5	2.8	6.3	176	20.4	68.7	48
6/29/2010 23:00	58	3.6	8.1	165	20.6	69.1	46
6/30/2010 0:00	26	1.8	4.0	109	17.9	64.2	56
6/30/2010 1:00	-5	2.4	5.4	329	14.0	57.2	73
6/30/2010 2:00	14	1.5	3.4	30	12.9	55.2	82
6/30/2010 3:00	6	1.2	2.7	198	11.1	52.0	89
6/30/2010 4:00	31	1.1	2.5	113	10.8	51.4	91
6/30/2010 5:00	-5	0.8	1.8	181	9.5	49.1	92
6/30/2010 6:00	-5	1.0	2.2	70	10.5	50.9	92
6/30/2010 7:00	10	1.0	2.2	267	11.7	53.1	91
6/30/2010 8:00	20	1.5	3.4	258	12.5	54.5	89
6/30/2010 9:00	9	0.9	2.0	226	14.6	58.3	77
6/30/2010 10:00	24	0.9	2.0	65	15.5	59.9	74
6/30/2010 11:00	-5	1.3	2.9	356	17.5	63.5	67
6/30/2010 12:00	32	1.3	2.9	355	19.0	66.2	62
6/30/2010 13:00	25	1.6	3.6	15	20.7	69.3	58
6/30/2010 14:00	17	2.2	4.9	356	21.3	70.3	58
6/30/2010 15:00	18	2.4	5.4	3	21.3	70.3	57
6/30/2010 16:00	-4	1.8	4.0	17	19.4	66.9	61
6/30/2010 17:00	-5	1.6	3.6	15	19.6	67.3	59
6/30/2010 18:00	8	1.3	2.9	25	19.8	67.6	56
6/30/2010 19:00	7	1.2	2.7	5	19.6	67.3	56
6/30/2010 20:00	9	0.9	2.0	350	17.9	64.2	63
6/30/2010 21:00	3	1.1	2.5	355	14.8	58.6	77
6/30/2010 22:00	4	1.0	2.2	347	13.7	56.7	74
6/30/2010 23:00	-3	0.8	1.8	342	11.0	51.8	85
7/1/2010 0:00	22	0.6	1.3	158	10.6	51.1	89

AN = Machine malfunction

BA = Routine maintenance / repairs